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ISTITUTO FEDERALE DELLA PROPRIETÀ INTELLETTUALE

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⑫ **FASCICOLO DEL BREVETTO A5**

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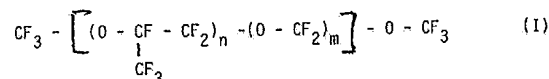
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⑤ **Composizioni farmaceutiche contenenti composti ad attività promotrice di assorbimento di principi attivi.**

⑥ Le nuove composizioni farmaceutiche contengono, oltre al o ai principio(i) attivo(i),
- tra lo 0,01 ed il 60% p/p dei composti di formula I



con n e m >18 e < 46 e con pesi molecolari fra 600 e 8000 per promuovere l'assorbimento del o dei principio(i) attivo(i).

In più dette composizioni contengono anche fra 0,01 e 20% p/p di Fosfatidilcolina.



Descrizione

L'invenzione qui descritta si riferisce a delle composizioni farmaceutiche, a l'utilizzazione di composti come agenti ad attività promitrice di assorbimento di principi attivi ed a composti specifici, tutto secondo le parti generali delle rivendicazioni 1, 2, 5, 6 e 10 seguenti.

Problemi legati all'assorbimento cutaneo dei p.a. in forme farmaceutiche topiche e transdermali (drug delivery systems) è noto ed oggetto di brevettazione [1]. Percutaneous absorption: mechanisms-methodology-drug delivery, 2 Ed., Bronaugh Maibach, MARCEL DEKKER, INC.

Tra i più significativi esempi riportati nella letteratura scientifica possiamo menzionare l'attività enhancer del decilmethylsolfossido per incrementare la permeazione cutanea dell'idoxuridina [2] Touitou, E. (1988). Int. J. Pharm. 43:1. L'effetto del dodecilazacicloheptan-2-one (laurocapram Azone) di promuovere l'assorbimento di varie molecole è stato indagato da Stoughton [3] Stoughton, R.B. (1982) Arch. Dermatol. 118:474, e da Sugibayashi [4] Sugibayashi, K., Hosoya, K., Morimoto, Y., and Higuchi, W. I. (1985). J. Pharm. Pharmacol. 37:578.

Il mercato ha messo a disposizione sostanze inizialmente con un utilizzo in campi differenti dal farmaceutico che poi si sono rivelati di notevole importanza nel campo farmaceutico. Tra queste, possiamo trovare una classe di composti Perfluoropolietilene (PFPE) [5] ottenuti dalla polimerizzazione di esafluoropropene con ossigeno attivato dalle radiazioni UV e successivamente trattato per ottenere un prodotto di grado cosmetico [6] quale eccipiente per preparati atti alla preparazione i prodotti ad effetto barriera [7].

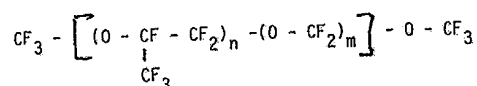
Riassunto dell'invenzione

La seguente invenzione consiste nell'utilizzare i PFPE quali promotori di assorbimento di PA farmacologicamente attivi in forme farmaceutiche topiche e/o in formulazioni transdermali (drug delivery systems) contenenti miscele o almeno un PA per promuoverne l'assorbimento.

Questi composti se inclusi in formulazioni farmaceutiche contenenti una associazione o almeno un PA possono modificare la capacità di permeazione dei PA attraverso la cute, evidenziando una sorprendente e inaspettata capacità di promuovere la penetrazione dei PA.

In accordo con il primo aspetto dell'invenzione, l'inclusione di una quantità di PFPE può essere applicata in formulazioni topiche convenzionali, quali ad esempio, ma non esclusivamente: creme, emulsioni liquide, unguenti, lozioni, microemulsioni, schiume, gel, polveri aspersonarie; ed in formulazioni transdermali (drug delivery systems).

Con il termine di PFPE si intende molecole con struttura chimica



Con pesi molecolari compresi tra i 650 e 6250,

C.A.S. Name: 1-Propene, 1,1,2,3,3,3-hexafluoro-, oxidized and polymerized
C.A.S. number: 69 991-67-9

È stato sorprendentemente trovato che l'inclusione di una quantità di PFPE in concentrazioni comprese tra lo 0,01% p/p e il 60% p/p, in formulazioni topiche e/o transdermali (drug delivery systems) riesce ad incrementare la permeabilità cutanea di PA a oltre 5-20 volte la loro capacità naturale, permettendo così di migliorarne l'assorbimento e ottimizzarne l'effetto sistemico attraverso adatte forme farmaceutiche.

Descrizione dettagliata dell'invenzione

La comprensione dell'invenzione è facilitata dalla descrizione di alcune valutazioni della permeabilità cutanea di alcune formulazioni contenenti differenti PA.

Nell'esempio A viene evidenziato l'aumento della permeabilità di circa 10 volte di una formulazione a base di troxerutina contenente il 3% di PFPE rispetto alla formulazione base.

Nell'esempio B viene dimostrata la correlazione concentrazione PFPE-permeazione cutanea di formulazioni contenenti Nimesulide e concentrazioni crescenti di PFPE.

Nell'esempio C vengono comparate le velocità di permeazione di formulazioni contenenti alcuni antinfiammatori non steroidei versus formulazioni addizionate del 3% di PFPE.

Esempio A

Verifica del passaggio di TROXERUTINA attraverso cute porcina di differenti formulazioni contenenti diversi tipi di promotori di assorbimento. In particolare è stato studiato il profilo di rilascio della TROXERUTINA da formulazioni contenenti PFPE, Acido nor-chenodesossicolico e transcutol, verso una formulazione di riferimento.

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Parte sperimentale:

Apparecchiature: Celle di Franz (produttore: Crown Glass Company Inc. New Jersey). Le celle di diffusione di Franz sono uno dei sistemi principali per gli studi di permeazione in ex-vivo. In questo studio si sono utilizzate tre celle aventi ciascuna un compartimento donatore di 9 mm di diametro corrispondente ad un'area di diffusione di 64 mm².

Il compartimento ricevente ha una capienza di 4,8 ml. La camera recettoriale è ermostatata a 37°C ±1.

Sistema Analitico: H.P.L.C. Gilson Mod. 305 con rodevatore Spectra physics Mod Spectra 200

Formulazioni:

	A	B	C	D
Troxeutina	3	3	3	3
Fosfatidilcolina	7	7	7	7
Tocoferolo acetato	0,5	0,5	0,5	0,5
Sepigel 305	4	4	4	4
Metile-p-idrossibenzoato	0,15	0,15	0,15	0,15
Propile-p-idrossibenzoato	0,05	0,05	0,05	0,05
Fenossietanolo	1	1	1	1
PFPE	3	—	—	—
Ac. nor-chenodesossicolicico	—	0,4	—	—
Transcutol	—	—	15	—
Acqua depurata	q.b.a 100	q.b.a 100	q.b.a 100	q.b.a 100

Preparazione della cute

I campioni di cute porcina sono stati prelevati dall'orecchio interno di maiale appena sacrificato.

I campioni vengono immersi per 24 ore a 4°C in una soluzione di tampone a pH 7,4.

Sucessivamente vengono asportate le parti connettivali e muscolari della cute, quindi viene successivamente tagliata in pezzi quadrati da 2 cm di lato.

I campioni di cute vengono conservati ad una temperatura di -20°C.

Condizioni operative di analisi HPLC

Colonna: KP18, 5 micron Licrospher 100

Fase mobile: 20% acetonitrile 80% tampone fosfato a pH 6,6

Flusso 1 ml/min

Pressione 1,52 Kpsi

Lunghezza d'onda: 245 nm

TR: 8,51

Modalità di esecuzione

Si posiziona la cute porcina tra il compartimento donatore e la camera recettrice con la superficie cutanea esterna rivolta verso il compartimento superiore. Si inserisce la formulazione da testare all'interno del compartimento donatore.

La camera ricevente viene riempita con soluzione tampone fosfato a pH 7,4, e ad intervalli di tempo compresi tra 0,5 ore e 8 ore, si prelevano dalla camera recettoriale 2 ml di soluzione. Ad ogni prelievo si ripristina il volume iniziale con soluzione tampone fresca, termostatata a 37°C. I campioni vengono quindi analizzati mediante metodica HPLC. Ogni prova viene effettuata in triplicato.

Risultati

I risultati della permeazione sono riassunti nella tabella

Tempo (h)	A Mcg troxeutina permeati	B Mcg troxeutina permeati	C Mcg troxeutina permeati	D Mcg troxeutina permeati
0,5	18,89	13,26	8,29	13,7
1	77,48	43,04	17,17	50,51
2	345,29	102,6	58,19	232,84
4	1.289,11	390,80	229,46	636,68
6	3.999,07	614,95	530	1.053,09
8	12.042	1.090	714,6	1.434,90

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Conclusioni:

Le formulazioni B,C,D non hanno evidenziato alcuna differenza di permeabilità, mentre la formulazione A, contenente PFPE ha evidenziato all'ottava ora, una permeabilità di circa 9-10 volte maggiore della formulazione base D.

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Esempio B

Verifica del passaggio di NIMESULIDE mediante celle di Franz, come descritto nell'esempio A, attraverso cute porcina di differenti formulazioni contenenti diverse concentrazioni di PFPE verso una formulazione di riferimento.

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Formulazioni:

	A	B	C	D
15 Nimesulide	5	5	5	5
Acido lattico	2	2	2	2
Alcool etilico 95	4	4	4	4
Glicerina	5	5	5	5
20 PFPE		1,5	3	4,5
Sepigel 305	4	4	4	4
Fosfatidil colina	2	2	2	2
25 Metile-p-idrossi benzoato	0,15	0,15	0,15	0,15
Propile-p-idrossibenzoato	0,05	0,05	0,05	0,05
Acqua depurata	q.b. a 100%	q.b. a 100%	q.b. a 100%	q.b. a 100%

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Risultati:

I risultati della permeazione sono riassunti nella tabella e dal grafico

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Tempo (h)	A Mcg nimesulide permeati	B Mcg nimesulide permeati	C Mcg nimesulide permeati	D Mcg nimesulide permeati
0,5	0,15	0,16	0,59	0,83
1	0,27	0,39	0,59	1,21
40 2	0,35	0,72	0,97	1,70
4	0,86	1,14	1,24	1,91
6	1,15	1,54	2,21	2,38
45 8	1,54	2,24	3,21	3,73
24	3,53	6,00	9,71	9,86

Conclusioni:

Le formulazioni B,C,D hanno evidenziato crescenti capacità di permeare la cute, questa capacità permeante risulta essere correlata alla dose crescente di PFPE.

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Esempio C

Valutazione della velocità di permeazione di formulazioni topiche a base di antinfiammatori versus formulazioni addizionate con il 3% di PFPE, mediante celle di Franz, come descritto nell'esempio A, attraverso cute porcina dopo 8 ore.

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	PA contenuto nella formulazione topica	Formula base Mcg di PA Permeati dopo 8 ore	Formula base +3% PFPE Mcg di PA Permeati dopo 8 ore
5	Ketoprofene	0,64	5,33
	Didofenac sodico	1,82	8,66
	Ibuprofene	0,21	6,84
10	Acido etodolico	0,53	9,93
	Piroxicam	1,19	7,94

L'invenzione e caratterizzata nelle rivendicazioni alla fine di questa descrizione.

15 Siccome l'effetto secondo l'invenzione è inerente per principio ai composti di formula I dovrebbe anche effettuarsi sulle molecole ad attività farmacologiche seguenti:

1. α -Adrenergic agonists such as Adrafinil. Adrenolone. Amidephrine. Apraclonidine. Budralazine. Clonidine. Cyclopentamine. Detomidine. Dimetofrine. Dipivefrin. Ephedrine. Epinephrine. Fenoxazoline. Guanabenz. Guanfacine. Hydroxyamphetamine. Ibopamine. Indanazoline. Isometheptene. Mephentermine. Metaraminol. Methoxamine Hydrochloride. Methylhexaneamine. Metizolene. Midodrine. Naphazoline. Norepinephrine. Norfenefrine. Octodrine. Octopamine. Oxymetazoline. Phenylephrine Hydrochloride. Phenylpropanolamine Hydrochloride. Phenylpropylmethylamine. Pholedrine. Propylhexedrine. Pseudoephedrine. Rilmenidine. Synephrine. Tetrahydrozoline. Tiamenidine. Tramazoline. Tuaminoheptane. Tyamazoline. Tyramine and Xylometazoline.
2. β -Adrenergic agonists such as Albuterol. Bambuterol. Bitolterol. Carbuterol. Clenbuterol. Clorprenaline. Denopamine. Dioxethedrine. Dopexamine. Ephedrine. Epinephrine. Etafedrine. Ethylnorepinephrine. Fenoterol. Formoterol. Hexoprenaline. Ibopamine. Isoetharine. Isoproterenol. Mabuterol. Metaproterenol. Methoxyphenamine. Oxyfedrine. Pirbuterol. Prenalterol. Procaterol. Protokylol. Reproterol. Rimiterol. Ritodrine. Soterenol. Terbuterol and Xamoterol.
3. α -Adrenergic blockers such as Amosulalol. Arotinolol. Dapiprazole. Doxazosin. Ergoloid Mesylates. Fenspiride. Indoramin. Labetalol. Nicergoline. Prazosin. Terazosin. Tolazoline. Trimazosin and Yohimbine.
4. β -Adrenergic blockers such as Acebutolol. Alprenolol. Amosulalol. Arotinolol. Atenolol. Befunolol. Betaxolol. Bevantolol. Bisoprolol. Bopindolol. Bucumolol. Bufetolol. Bufuralol. Bunitrolol. Bupranolol. Butidrine Hydrochloride. Butofilolol. Carazolol. Carteolol. Carvedilol. Celiprolol. Cetamolol. Cloranolol. Dilevalol. Epanolol. Esmolol. Indenolol. Labetalol. Levobunolol. Mepindolol. Metipranolol. Metoprolol. Moprolol. Nadoxolol. Nifenalol. Nipradilol. Oxprenolol. Penbutolol. Pindolol. Practolol. Pronethalol. Propranolol. Sotalol. Sulfinalol. Talinolol. Tertatolol. Timolol. Toliprolol and Xibenolol.
5. Alcohol deterrents such as Calcium Cyanamide Citrated. Disulfiram. Nadide and Nitrefazole.
6. Aldose reductase inhibitors such as Epalrestat. Ponalrestat. Sorbinil and Tolrestat.
7. Anabolics such as Androisoxazole. Androstenediol. Bolandiol. Bolasterone. Clostebol. Ethylestrenol. Formyldienolone. 4-Hydroxy-19-nortestosterone. Methandriol. Methenolone. Methyltrienolone. Nandrolone. Nandrolone Decanoate. Nandrolone p-Hexyloxyphenylpropionate. Nandrolone Phenpropionate. Norbolethone. Oxymesterone. Pizotyline. Quinbolone. Stenbolone and Trenbolone.
8. Analgesics (dental) such as Chlorobutanol. Clove and Eugenol.
9. Analgesics (narcotic) such as Alfentanil. Allylprodine. Alphaprodine. Anileridine. Benzylmorphine. Bezitramide. Buprenorphine. Butorphanol. Clonitazene. Codeine. Codeine Methyl Bromide. Codeine Phosphate. Codeine Sulfate. Desomorphine. Dextromoramide. Dezocine. Diampromide. Dihydrocodeine. Dihydrocodeinone Enol Acetate. Dihydromorphine. Dimenoxadol. Dimepheptanol. Dimethylthiambutene. Dioxaphetyl Butyrate. Dipipanone. Eptazocine. Ethoheptazine. Ethylmethylthiambutene. Ethylmorphine. Etonitazene. Fentanyl. Hydrocodone. Hydromorphone. Hydroxypethidine. Isomethadone. Ketobemidone. Levorphanol. Lofentanil. Meperidine. Meptazinol. Metazocine. Methadone Hydrochloride. Metopon. Morphine. Morphine Derivatives. Myrophine. Nalbuphine. Narceine. Nicomorphine. Norlevorphanol. Normethadone. Normorphine. Norpipanone. Opium. Oxycodone. Oxymorphone. Papaveretum. Pentazocine. Phenadoxone. Phenazocine. Phenoperidine. Piminodine. Piritramide. Proheptazine. Promedol. Properidine. Propiram. Propoxyphene. Sufentanil and Tilidine.
10. Analgesics (non-narcotic) such as Acetaminophen. Acetaminosalol. Acetanilide. Acetylsalicylsalicylic Acid. Aclufenac. Alminoprofen. Aloxiprin. Aluminum Bis(acetylsalicylate). Aminochlorthenoxazin. 2-Amino-4-picoline. Aminopropylon. Aminopyrine. Ammonium Salicylate. Antipyrine. Antipyrine Salicylate. Antrafenine. Apazone. Aspirin. Benorylate. Benoxaprofen. Benzpiperylon. Benzydamine. p-Bromoacetanilide. 5-Bromosalicylic Acid Acetate. Bucetin. Bufexamac. Bumadizon. Butacetin. Calcium Acetylsalicylate. Carbamazepine. Carbetidine. Carbiphene. Carsalam. Chloralantipyrine. Chlorthenoxazin(e). Choline Salicylate. Cinchophen. Ciramadol. Clometacin. Cropropamide. Crotethamide. Dexoxadrol. Difenamizole. Diflunisal. Dihydroxyaluminum Acetylsalicylate. Dipyroctyl. Dipyrone. Emorfazone. Enfenamic Acid. Epirizole. Etersalate. Ethenzamide. Ethoxazene. Etodolac. Felbinac. Fenoprofen. Floctafenine. Flufenamic

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- Acid. Fluoresone. Flupirtine. Fluproquazone. Flurbiprofen. Fosfosal. Gentisic Acid. Glafenine. Ibufenac. Imidazole Salicylate. Indomethacin. Indoprofen. Isofezolac. Isoladol. Isonixin. Ketoprofen. Ketorolac. p-Lactophenetide. Lefetamine. Loxoprofen. Lysine Acetylsalicylate. Magnesium Acetylsalicylate. Methotrimprazine. Metofoline. Miroprofen. Morazone. Morpholine Salicylate. Naproxen. Nefopam. Nifenazone. 5-Nitro-2-propoxyacetanilide. Parsalimide. Perisoxal. Phenacetin. Phenazopyridine Hydrochloride. Phenocoll. Phenopyrazone. Phenyl Acetylsalicylate. Phenyl Salicylate. Phenylramidol. Pipebuzone. Piperlyone. Prodilidine. Propacetamol. Propyphenazone. Proxazole. Quinine Salicylate. Ramifenazone. Rimazolium Metilsulfate. Salacetamide. Salicin. Salicylamide. Salicylamide O-Acetic Acid. Salicylsulfuric Acid. Salsalate. Salverine. Simetride. Sodium Salicylate. Sulfamipyrine. Suprofen. Talniflumate. Tenoxicam. Terfenamate. Tetradrine. Tinoridine. Tolfenamic Acid. Tolpronine. Tramadol. Viminol. Xenbucin and Zomepirac.
11. Androgens such as Boldenone. Fluoxymesterone. Mestanolone. Mesterolone. Methandrostenolone. 17-Methyltestosterone. Methyltestosterone. 17 α -Methyltestosterone 3-Cyclopentyl Enol Ether. Norethandrolone. Normethandrone. Oxandrolone. Oxymesterone. Oxymetholone. Prasterone. Stanolone. Stanazolol. Testosterone. Testosterone 17-Chloral Hemiacetal. Testosterone 17 β -Cypionate. Testosterone Enanthate. Testosterone Nicotinate. Testosterone Phenyl Acetate. Testosterone Propionate and Testosterone.
12. Anesthetics (intravenous) such as Acetamidoeugenol. Alfadolone Acetate. Alfaxalone. Ambucaine. Amolanone. Amylocaine Hydrochloride. Benoxinate. Butoxycaine. Biphenamine. Bupivacaine. Butacaine. Butamben. Butanillicaine. Butethamine. Buthalital Sodium. Butoxycaine. Carticaine. 2-Chloroprocaine Hydrochloride. Cocaethylene. Cocaine. Cyclomethycaine. Dibucaine Hydrochloride. Dimethisoquin. Dimethocaine. Diperon Hydrochloride. Dyclonine. Ecgonidine. Ecgonine. Ethyl Aminobenzoate. Ethyl Chloride. Etidocaine. Etoxadrol. β -Eucaine. Euprocine. Fenalcomine. Fomocaine. Hexobarbital. Hexylcaine Hydrochloride. Hydroxydione Sodium. Hydroxyprocaine. Hydroxytetracaine. Isobutyl p-Aminobenzoate Hydrochloride. Leucine Mesylate. Levoadrol. Lidocaine. Mepivacaine. Mepylcaine Hydrochloride. Metabutoxycaine Hydrochloride. Methohexital Sodium. Methyl Chloride. Midazolam. Myrtecaine. Naepaine. Octacaine. Orthocaine. Oxethazaine. Parethoxycaine. Phenacaine Hydrochloride. Phencyclidine. Phenol. Piperocaine. Piridocaine. Polidocanol. Pramoxine. Prilocaine. Procaine. Propanidid. Propanocaine. Proparacaine. Propipocaine. Propofol. Propoxyacaine Hydrochloride. Pseudococaine. Pyrrocaine. Quinine Urea Hydrochloride. Risocaine. Salicyl Alcohol. Tetracaine Hydrochloride. Thialbarbital. Thymol. Thiobutabarbital. Thiopental Sodium. Tolycaine. Trimecaine and Zolamine.
13. Anorectics such as Aminorex. Amphetamine. Amphetamine. Benzphetamine. Chlorphentermine. Clobenzorex. Cloforex. Clortermine. Cyclexedrine. Dextroamphetamine Sulfate. Diethylpropion. Diphenmethoxidine. N-Ethylamphetamine. Fenbutrazate. Fenfluramine. Fenproporex. Furfurylmethylamphetamine. Levophacetoperate. Mazindol. Mefenorex. Metamfepramone. Methamphetamine. Norpseudoephedrine. Phendimetrazine. Phenmetrazine. Phenphetamine. Phenylpropanolamine Hydrochloride and Piclorex.
14. Anthelmintics (Cestodes) such as Arecoline. Aspidin. Aspidinol. Dichlorophen(e). Embelin. Kosin. Naphthalene. Niclosamide. Pellertierine. Pellertierine Tannate and Quinacrine.
15. Anthelmintics (Nematodes) such as Alantolactone. Amoscanate. Ascaridole. Bephenium. Bitoscanate. Carbon Tetrachloride. Carvacrol. Cyclobendazole. Diethylcarbamazine. Diphenane. Dithiazanine Iodide. Dymanthine. Gentian Violet. 4-Hexylresorcinol. Kainic Acid. Mebendazole. 2-Naphthol. Oxantel. Pappain. Piperazine. Piperazine Adipate. Piperazine Citrate. Piperazine Edetate Calcium. Piperazine Tartrate. Pyrantel. Pyrvinium Pamoate. α -Santonin. Stibazium Iodide. Tetrachloroethylene. Tetramisole. Thiabendazole. Thymol. Thymyl N-Isoamylcarbamate. Triclofenol Piperazine and Urea Stibamine.
16. Anthelmintics (Onchocerca) such as Ivermectin and Suramin Sodium.
17. Anthelmintics (Schistosoma) such as Amoscanate. Amphotalide. Antimony Potassium Tartrate. Antimony Sodium Gluconate. Antimony Sodium Tartrate. Antimony Sodium Thioglycollate. Antimony Thioglycollamide. Becanthone. Hycanthone. Lucanthone Hydrochloride. Niridazole. Oxamniquine. Praziquantel. Stibocaptate. Stibophen and Urea Stibamine.
18. Anthelmintics (Trematodes) such as Anthiolimine and Tetrachloroethylene.
19. Antiacne drugs such as Algestone Acetophenide. Azelaic Acid. Benzoyl Peroxide. Cyocetol. Cyproterone. Motretinide. Resorcinol. Retinoic Acid and Tetroquinone.
20. Antiallergics such as Amlexanox. Astemizole. Azelastine. Cromolyn. Fenpiprane. Histamine. Ibudilast. Nedocromil. Oxatomide. Pentigetide. Poison Ivy Extract. Poison Oak Extract. Poison Sumac Extract. Repirinast. Tranilast. Traxanox and Urushiol.
21. Antiamebics such as Arsthinol. Bialamicol. Carbarsone. Cephaeline. Chlorbetamide. Chloroquine. Chlorphenoxamide. Chlortetracycline. Dehydroemetine. Dibromopropamidine. Diloxanide. Diphetarson. Emetine. Fumagillin. Glaucarubin. Glycobiarsol. 8-Hydroxy-7-iodo-5-quinolinesulfonic Add. Iodo-chlorhydroxyquin. Iodoquinol. Paromomycin. Phanquinone. Phenarson Sulfoxylate. Polybenzarsol. Propamidine. Quinamide. Secnidazole. Sulfarside. Teclozan. Tetracycline. Thiocarbazine. Thiocarbarsone and Tinidazole.
22. Antiandrogens such as Bifluranol. Cyocetol. Cyproterone. Delmadinone Acetate. Flutamide. Nilutamide and Oxendolone.
23. Antianginals such as Acebutolol. Alprenolol. Amiodarone. Amlodipine. Arotinolol. Atenolol. Bepidil. Bevantolol. Bucumolol. Bufetolol. Bufuralol. Bunitrolol. Bupranolol. Carozolol. Carteolol. Carvedilol

Celliprolol. Cinepazet Maleate. Diltiazem. Epanolol. Felodipine. Gallopamil. Imolamine. Indenolol. Isosorbide Dinitrate. Isradipine. Limaprost. Mepindolol. Metoprolol. Molsidomine. Nadolol. Nicardipine. Nifedipine. Nifenalol. Nilvadipine. Nipradilol. Nisoldipine. Nitroglycerin. Oxprenolol. Oxyfedrine. Ozagrel. Penbutolol. Pentaerythritol Tetranitrate. Pindolol. Pronethalol. Propranolol. Sotalol. Terodiline. Timolol. Toliprolol and Verapamil.

24. Antiarrhythmics such as Acebutolol. Acecainide Adenosine. Ajmaline. Alprenolol. Amiodarone. Amoproxan. Aprindine. Arotinolol. Atenolol. Bevantolol. Bretylium Tosylate. Bucumolol. Bufetolol. Bunaftine. Bunitrolol. Bupranolol. Butidine Hydrochloride Butobendine. Capobenic Acid. Carazolol. Carteolol. Cifenline. Cloranolol. Disopyramide. Encainide. Esmolol. Flecainide. Gallopamil. Hydroquinidine. Idencainide. Indenolol. Ipratropium Bromide. Lidocaine. Lorajmine. Lorcaïnide. Meobentine. Metipranolol. Mexiletine. Moricizine. Nadoxolol. Nifenalol. Oxprenolol. Penbutolol. Pindolol. Pirmenol. Practolol. Prajmaline. Procainamide Hydrochloride. Pronethalol. Propafenone. Propranolol. Pyrinoline. Quinidine Sulfate. Quinidine. Sotalol. Talinolol. Timolol. Tocainide. Verapamil. Viquidil and Xibenolol.

25. Antiarteriosclerotics such as Pyridinol Carbamate.

26. Antiarthritic/Antirheumatics such as Allopureide Sodium. Auranofin. Aurothioglucose. Aurothioglucanide. Azathioprine. Calcium 3-Aurothio-2-propanol-1-sulfonate. Chloroquine. Clobuzarit. Cuproxoline. Diacerein. Glucosamine. Gold Sodium Thiomalate. Gold Sodium Thiosulfate. Hydroxychloroquine. Kebuzone. Lobenzarit. Melittin. Methotrexate. Myoral and Penicillamine.

27. Antibacterial (antibiotic) drugs, including: Aminoglycosides such as Amikacin. Apramycin. Arbekacin. Bambermycins. Butirosin. Dibekacin. Dihydrostreptomycin. Fortimicin(s). Gentamicin. Isepamicin. Kanamycin. Micronomicin. Neomycin. Neomycin Undecylenate. Netilmicin. Paromomycin. Ribostamycin. Sisomicin. Spectinomycin. Streptomycin. Streptonicozid and Tobramycin; Amphenicols such as Azidamfenicol. Chloramphenicol. Chloramphenicol Palmitate. Chloramphenicol Pantothenate. Florfenicol and Thiamphenicol; Ansamycins such as Rifamide. Rifampin. Rifamycin and Rifaximin. β -Lactams including: Carbapenems such as Imipenem; Cephalosporins such as Cefaclor. Cefadroxil. Cefamandole. Cefatrizine. Cefazedone. Cefazolin. Cefixime. Cefmenoxime Cefodizime. Cefonicid. Cefoperazone. Ceforanide. Cefotaxime. Cefotiam. Cefpimizole. Cefpiramide. Cefpodoxime Proxetil. Cefroxadine. Cefsulodin. Ceftazidime. Cefteteram. Ceftezole. Ceftributen. Ceftizoxime. Ceftriaxone. Cefuroxime. Cefuzonam. Cepha-
 cetrile Sodium. Cephalixin. Cephaloglycin. Cephaloridie. Cephalosporin. Cephalothin. Cephapirin So-
 dium. Cephradine and Pivcefalexin; Cephamycins such as Cefbuperazone. Cefmetazole. Cefminox. Ce-
 fetetan and Cefoxitin; Monobactams such as Aztreonam. Carumonam and Tigemonam; Oxacephems
 such as Flomoxef and Moxolactam; Penicillins such as Amidinocillin. Amdinocillin Pivoxil. Amoxicillin.
 Ampicillin. Apalcillin. Aspoxicillin. Azidocillin. Azlocillin. Bacampicillin. Benzylpenicillinic Acid. Benzylpeni-
 cillin Sodium. Carbenicillin. Carfecillin Sodium. Carindacillin. Clometocillin. Cloxacillin. Cyclacillin. Diclo-
 xacillin. Diphenicillin Sodium. Epicillin. Fenbenicillin. Floxacillin. Hetacillin. Lenampicillin. Metampicillin.
 Methicillin Sodium. Mezlocillin. Nafcillin Sodium. Oxacillin. Penamecillin. Penethamate Hydriodide. Peni-
 cillin G Benethamine. Penicillin G Benzathine. Penicillin G Benzhydrylamine. Penicillin G Calcium. Peni-
 cillin G Hydrabamine. Penicillin G Potassium. Penicillin G Procaine. Penicillin N. Penicillin O. Penicillin
 V. Penicillin V Benzathine. Penicillin V Hydrabamine. Penimepicycline. Phenethicillin Potassium. Pipera-
 cillin. Pivampicillin. Propicillin. Quinacillin. Sulbenicillin. Talampicillin. Temocillin and Ticarcillin; Lincosa-
 mides such as Clindamycin and Lincomycin; Macrolides such as Azithromycin. Carbomycin. Clari-
 thromycin. Erythromycin. Erythromycin Acistrate. Erythromycin Estolate. Erythromycin Glucoheptonate.
 Erythromycin Lactobionate. Erythromycin Propionate. Erythromycin Stearate. Josamycin. Leucomycins.
 Midecamycins. Miokamycin. Oleandomycin. Primycin. Rokitamycin. Rosaramicin. Roxithromycin. Spi-
 ramycin and Troleandomycin; Polypeptides such as Amphomycin. Bacitracin. Capreomycin. Colistin.
 Enduracidin. Enviomycin. Fusafungine. Gramicidin(s). Gramicidin S. Mikamycin. Polymyxin Polymyxin
 B-Methanesulfonic Acid. Pristinamycin. Ristocetin. Teicoplanin. Thiostrepton. Tuberactinomycin. Tyrocid-
 ine. Tyrothricin. Vancomycin. Viomycin. Viomycin Pantothenate. Virginiamycin and Zinc Bacitracin; Tet-
 racyclines such as Apicycline. Chlortetracycline. Clomocycline. Demeclocycline. Doxycycline.
 Guamecycline. Lymecycline. Meclocycline. Methacycline Minocycline. Oxytetracycline. Penimepicycline.
 Pipacycline. Rolitetracycline. Sancycline. Senociclin and Tetracycline; and other antibiotics such as
 Cycloserine. Mupirocin and Tuberin.

28. Antibacterial drugs (synthetic), including: 2,4-Diaminopyrimidines such as Brodimoprim. Tetroxo-
 prim and Trimethoprim; Nitrofurans such as Furaltadone. Furazolum Chloride. Nifuradene. Nifuratel.
 Nifurfoline. Nifurpirinol. Nifurprazine. Nifurtoinol and Nitrofurantoin; Quinolones and Analogs such as
 Amifloxacin. Cinoxacin. Ciprofloxacin. Difloxacin. Enoxacin. Fleroxacin. Flumequine. Lomefloxacin. Milo-
 xacin. Nalidixic Acid. Norfloxacin. Ofloxacin. Oxolinic Acid. Pefloxacin. Pipemidic Acid. Piromidic Acid.
 Rosoxacin. Temafloxacin and Tosufloxacin; Sulfonamides such as Acetyl Sulfamethoxy-pyrazine. Acetyl
 Sulfisoxazole. Azosulfamide. Benzylsulfamide. Chloramine-B. Chloramine-T. Dichloramine T. Formosulfa-
 thiazole. N²-Formylsulfisomidine. N²- β -D-Glucosylsulfanilamide. Mafenide. 4'-(Methylsulfamoyl) sulfanil-
 anilide. p-Nitrosulfathiazole. Noprylsulfamide. Phthalylsulfacetamide. Phthalylsulfathiazole. Salazosulfadi-
 midine. Succinylsulfathiazole. Sulfabenzamide. Sulfacetamide. Sulfachlorpyridazine. Sulfachrysoidine.
 Sulfacytine. Sulfadiazine. Sulfadicramide. Sulfadimethoxine. Sulfadoxine. Sulfaethidole. Sulfaguandine.
 Sulfaguanol. Sulfalene. Sulfaloxic Acid. Sulfamerazine. Sulfameter. Sulfamethazine. Sulfamethizole. Sulfa-
 famethomidine. Sulfamethoxazole. Sulfamethoxy-pyridazine. Sulfametrole. Sulfamidochrysoidine. Sulfa-

- moxole. Sulfanilamide. Sulfanilamidomethanesulfonic Acid Triethanolamine Salt. 4-Sulfanilamidosalicylic Acid. N⁴-Sulfanilylsulfanilamide. Sulfanilylurea. N-Sulfanilyl-3,4-xylamide. Sulfanitran. Sulfaperine. Sulfaphenazole. Sulfaproxyline. Sulfapyrazine. Sulfapyridine. Sulfasomizole. Sulfasymazine. Sulfathiazole. Sulfathiourea. Sulfatolamide. Sulfisomidine and Sulfisoxazole; Sulfones such as Acedapsone. Acediasulfone. Acetosulfone Sodium. Dapsone. Diathymosulfone. Glucosulfone Sodium. Solasulfone. Succisulfone. Sulfanilic Acid. p-Sulfanilylbenzylamine. p,p'-Sulfonyldianiline-N,N'-digalactoside. Sulfoxone Sodium and Thiazolsulfone; and others such as Clofocetol. Hexedine. Methenamine. Methenamine Anhydromethylene-citrate. Methenamine Hippurate. Methenamine Mandelate. Methenamine Sulfosalicylate. Nitroxoline and Xibornol.
29. Anticholinergics such as Adiphenine Hydrochloride. Alverine. Ambutonum Bromide. Aminopen-
tamide. Amixetrine. Amprotropine Phosphate. Anisotropine Methylbromide. Apoatropine. Atropine. Atropi-
ne N-Oxide. Benactyzine. Benapryzine. Benzetimide. Benzilium Bromide. Benztropine Mesylate. Be-
vonium Methyl Sulfate. Biperiden. Butropium Bromide. N-Butylscopolammonium Bromide. Buzepide.
Camyllofene. Caramiphen Hydrochloride. Chlorbenzoxamine. Chlorphenoxamine. Cimetropium Bromide.
Clidinium Bromide. Cyclodrine. Cyclonium Iodide. Cycrimine Hydrochloride. Deptropine. Dexetimide. Di-
butoline Sulfate. Dicyclimine Hydrochloride. Diethazine. Difemerine. Dihexyverine. Diphepanil Methyl-
sulfate. N-(1,2-Diphenylethyl)nicotinamide. Dipipoverine. Diponium Bromide. Emepronium Bromide. En-
dobenzylamine Bromide. Ethopropazine. Ethybenzotropine. Ethylbenzhydramine. Etomidolone. Eucatropine.
Fenpiverinium Bromide. Fentonium Bromide. Flutropium Bromide. Glycopyrrolate. Heteronium Bromide.
Hexocyclium Methyl Sulfate. Homatropine. Hyoscyamine. Ipratropium Bromide. Isopropamide. Levome-
pate. Meclozamine. Mepenzolate Bromide. Metcaraphen. Methantheleine Bromide. Methixene. Methsco-
polamine Bromide. Octamylamine. Oxybutynin Chloride. Oxyphencyclimine. Oxyphenonium Bromide.
Pentapiperide. Penthienate Bromide. Phencarbamide. Phenglutarimide. Pipenzolate Bromide. Piperidola-
te. Piperilate. Poldine Methysulfate. Pridinol. Prifinium Bromide. Procyclidine. Propantheline Bromide.
Propenzolate. Propyromazine. Scopolamine. Scopolamine N-Oxide. Stilonium Iodide. Stramonium. Sul-
troponium. Thihexinol. Thiphenamil. Tiemonium Iodide. Timepidium Bromide. Tiquizium Bromide. Tri-
dihexethyl Iodide. Trihexyphenidyl Hydrochloride. Tropicaine. Tropenzile. Tropicamide. Trospium Chlori-
de. Valethamate Bromide and Xenytropium Bromide.
30. Anticonvulsants such as Acetylpheneturide. Albutoin. Aloxidone. Aminoglutethimide. 4-Ami-
no-3-hydroxybutyric Acid. Atrolactamide. Beclamide. Buramate. Calcium Bromide. Carbamazepine.
Cinromide. Clomethiazole. Clonazepam. Decimemide. Diethadione. Dimethadione. Doxenitoin. Etero-
barb. Ethadione, Ethosuximide. Ethotoin. Fluoresone. 5-Hydroxytryptophan. Lamotrigine. Magnesium
Bromide. Magnesium Sulfate. Mephenytoin. Mephobarbital. Metharbital. Methetoin. Methsuximide.
5-Methyl-5-(3-phenanthryl)hydantoin. 3-Methyl-5-phenylhydantoin. Narcobarbital. Nimetazepam. Nitraze-
pam. Paramethadione. Phenacemide. Phenetharbital. Pheneturide. Phenobarbital. Phenobarbital So-
dium. Phensuximide. Phenylmethylbarbituric Acid. Phenytoin. Phethenylate Sodium. Potassium Bromide.
Primidone. Progabide. Sodium Bromide. Solanum. Strontium Bromide. Suclofenide. Sulthiame. Tetran-
toin. Trimethadione. Valproic Acid. Valpromide. Vigabatrin and Zonisamide.
31. Antidepressants, including: Bicyclics such as Binedaline. Caroxazone. Citalopram. Dimethazan.
Indalpine. Fencamine. Indeloxazine Hydrochloride. Nefopam. Nomifensine. Oxitriptan. Oxypertine. Paro-
xetine. Sertraline. Thiazesim. Trazodone and Zometapine; Hydrazides/Hydrazines such as Benmoxine.
Iproclozide. Iproniazid. Isocarboxazid. Nialamide. Octamoxin and Phenelzine; Pyrrolidones such as Coti-
nine. Rolicyprine and Rolipram; Tetracyclics such as Maprotiline. Metralindole. Mianserin and Oxaprotili-
ne; Tricyclics such as Adinazolam. Amitriptyline. Amitriptylinoxide. Amoxapine. Butriptyline. Clomiprami-
ne. Demexiptiline. Desipramine. Dibenzepin. Dimetacrine. Dothiepin. Doxepin. Fluacizine. Imipramine.
Imipramine N-Oxide. Iprindole. Lofepamine. Melitracen. Metapramine. Nortriptyline. Noxiptilin. Opi-
pramol. Pizotyline. Propizepine. Protriptyline. Quinupramine. Tianeptine and Trimipramine; and others such
as Adrafinil. Benactyzine. Bupropion. Butacetin. Deanol. Deanol Aceglumate. Deanol Acetamidobenzoa-
te. Dioxadrol. Etoperidone. Febarbamate. Femoxetine. Fempentadiol. Fluoxetine. Fluvoxamine. Hemato-
porphyrin. Hypercinin. Levophacetoperane. Medifoxamine. Minaprine. Moclobemide. Oxaflazone. Pibera-
line. Prolintane. Pyrisuccideanol. Rubidium Chloride. Sulpiride. Sultopride. Teniloxazine. Thozalinone.
Tofenacin. Toloxatone. Tranlycypromine. L-Tryptophan. Viloxazine and Zimeldine.
32. Antidiabetics, including: Biguanides such as Buformin. Metformin and Phenformin; Hormones such
as Glucagon. Insulin. Insulin Injection. Insulin Zinc Suspension. Isophane Insulin Suspension. Protamine
Zinc Insulin Suspension and Zinc Insulin Crystals; Sulfonylurea derivatives such as Acetohexamide.
1-Butyl-3-metanilylurea. Carbutamide. Chlorpropamide. Glibornuride. Gliclazide. Glipizide. Gliquidone. Gli-
soxepid. Glyburide. Glybutthiazole. Glybuzole. Glyhexamide. Glymidine. Glypinamide. Phenbutamide. To-
lazamide. Tolbutamide and Tolcyclamide; and others such as Acarbose. Calcium Mesoxalate and Miglitol.
33. Antidiarrheal drugs such as Acetyltannic Acid. Albumin Tannate. Alkofanone. Aluminum Salicyla-
tes-Basic. Catechin. Difenoxin. Diphenoxylate. Lidamidine. Loperamide. Mebiquine. Trillium and Uzarin.
34. Antidiuretics such as Desmopressin. Felypressin. Lyppressin. Ornipressin. Oxycinchophen. Pitui-
tary-Posterior. Terlipressin and Vasopressin.
35. Antiestrogens such as Delmadinone Acetate. Ethamoxytriphetol. Tamoxifen and Toremfene.
36. Antifungal drugs (antibiotics), including: Polyenes such as Amphotericin-B. Candicidin. Dermosta-
tin. Filipin. Fungichromin. Hachimycin. Hamycin. Lucensomycin. Mepartricin. Natamycin. Nystatin. Pecilo-

cin and Perimycin; and others such as Azaserine. Griseofulvin. Oligomycins. Neomycin Undecylenate. Pyrrolnitrin. Siccanin. Tubercidin and Viridin.

37. Antifungal drugs (synthetic), including: Allylamines such as Naftifine and Terbinafine; Imidazoles such as Bifonazole. Butoconazole. Chlordantoin. Chlormidazole. Cloconazole. Clotrimazole. Econazole. 5 Enilconazole. Fenticonazole. Isoconazole. Ketoconazole. Miconazole. Omoconazole. Oxiconazole Nitrate. Sulconazole and Tioconazole; Triazoles such as Fluconazole. Itraconazole and Terconazole; and others such as Acrisorcin. Amorolfine. Biphenamine. Bromosalicylchloranilide. Buclosamide. Calcium Propionate. Chlorphenesin. Ciclopirox. Cloxyquin. Coparaffinate. Diamthazole Dihydrochloride. Exalamide. Flucytosine. Halethazole. Hexetidine. Loflucarbon. Nifuratel. Potassium Iodide. Propionic Acid. Pyri- 10 thione. Salicylanilide. Sodium Propionate. Sulbentine. Tenonitroazole. Tolciclate. Tolindate. Tolnaftate. Triacetin. Ujothion. Undecylenic Acid and Zinc Propionate.

38. Antiglaucoma drugs such as Acetazolamide. Befunolol. Betaxolol. Bupranolol. Carteolol. Dapiprazole. Dichlorphenamide. Dipivefrin. Epinephrine, Levobunolol. Methazolamide. Metipranolol. Pilocarpine. Pindolol and Timolol.

39. Antigonadotropins such as Danazol. Gestrinone and Paroxypropione.

40. Antigout drugs such as Allopurinol. Carprofen. Colchicine. Probenecid and Sulfinpyrazone.

41. Antihistamines, including: Alkylamine derivatives such as Acrivastine. Bamipine. Brompheniramine. Chlorpheniramine. Dimethindene. Metron S. Pheniramine. Pyrrobutamine. Thenaldine. Tolpropamine and Triprolidine; Aminoalkyl ethers such as Bietanautine. Bromodiphenhydramine. Carbinoxamine. Clemastine. Diphenylpyraline. Doxylamine. Embramine. Medrylamine. Mephenhydramine. p-Methyl- 20 phenhydramine. Orphenadrine. Phenyltoloxamine. Piprinhydrinate and Setasine; Ethylenediamine derivatives such as Allocamide. p-Bromtripelennamine. Chloropyramine. Chlorothen. Histapyrrodine. Methafurylene. Methaphenilene. Methapyrilene. Phenbenzamine. Pyrilamine. Talastine. Thenyldiamine. Thonzylamine Hydrochloride. Tripeleennamine and Zolamine; Piperazines such as Cetirizine. Chlorcyclizine. Cinnarizine. Clocinizine and Hydroxyzine; Tricyclics, including: Phenothiazines such as Ahistan. Ety- 25 memazine. Hydroxyzine. N-Hydroxyethylpromethazine Chloride. Isopromethazine. Mequitazine. Promethazine. Pyrazithazine and Thiazinanium Methyl Sulfate; and others such as Azatadine. Clobenzepam. Cyproheptadine. Deptropine. Isothipendyl. Loratadine and Prothipendyl; and other antihistamines such as Antazoline. Astemizole. Azelastine. Cetoxime. Clemizole. Clobenztropine. Diphenazoline. Di- 30 phenhydramine. Mebhydroline. Phenindamine. Terfenadine and Tritoqualine.

42. Antihyperlipoproteinemics, including: Aryloxyalkanoic acid derivatives such as Beclobrate. Bezafibrate. Binifibrate. Ciprofibrate. Clinoifibrate. Clofibrate. Clofibrac Acid. Etofibrate. Fenofibrate. Gemfibrozil. Nicofibrate. Pirifibrate. Ronifibrate. Simfibrate and Theofibrate; Bile acid sequestrants such as Cholestyramine Resin. Colestipol and Polidexide; HMG CoA reductase inhibitors such as Lovastatin. Prava- 35 statin Sodium and Simvastatin; Nicotinic acid derivatives Aluminum Nicotinate. Acipimox. Niceritrol. Nicoclonate. Nicomol and Oxiniacic Acid; Thyroid hormones and analogs such as Etiroxate. Thyropropic Acid and Thyroxine; and others such as Acifran. Azacosterol. Benfluorex. β -Benzalbutyramide. Carnitine. Chondroitin Sulfate. Clomestron. Detaxtran. Dextran Sulfate Sodium. 5,8,11,14,17-Eicosapentaenoic Acid. Eritadenine. Furazabol. Meglutol. Melinamide. Mytatrienediol. Ornithine. γ -Oryzanol. Pantethine. 40 Pentaerythritol Tetraacetate. α -Phenylbutyramide. Pirozadil. Probuocol. α -Sitosterol. Sultosilic Acid. Piperazine Salt. Tiadenol. Triparanol and Xenbuicin.

43. Antihypertensive drugs, including: Arylethanolamine derivatives such as Amosulalol. Bufuralol. Di- 45 levalol. Labetalol. Pronethalol. Sotalol and Sulfinalol; Aryloxypropanolamine derivatives such as Acebutolol. Alprenolol. Arotinolol. Atenolol. Betaxolol. Bevantolol. Bisoprolol. Bopindolol. Bunitrolol. Bupranolol. Butofilolol. Carazolol. Carteolol. Carvedilol. Celiprolol. Cetamolol. Epanolol. Indenolol. Mepindolol. Metipranolol. Metoprolol. Moprolol. Nadolol. Nipradilol. Oxprenolol. Penbutolol. Pindolol. Propranolol. Talino- 50 lol. Tertatolol. Timolol and Toliprolol; Benzothiadiazine derivatives such as Althiazide. Bendroflumethiazide. Benzthiazide. Benzylhydrochlorothiazide. Buthiazide. Chlorothiazide. Chlorthalidone. Cyclopenthiazide. Cyclothiazide. Diazoxide. Epithiazide. Ethiazide. Fenquizone. Hydrochlorothiazide. Hydroflu- 55 methiazide. Methyclothiazide. Meticrane. Metolazone. Paraflutizide. Polythiazide. Tetrachlormethiazide and Trichlormethiazide; N-Carboxyalkyl (petide/lactam) derivatives such as Alacepril. Captopril. Cilazapril. Delapril. Enalapril. Enalaprilat. Fosinopril. Lisinopril. Moveltipril. Perindopril. Quinapril and Ramipril; Dihydropyridine derivatives such as Amlodipine. Felodipine. Isradipine. Nicardipine. Nifedipine. Nilvadipi- 60 ne. Nisoldipine and Nitrendipine; Guanidine derivatives such as Bethanidine. Debrisoquin. Guanabenz. Guanacine. Guanadrel. Guanazodine. Guanethidine. Guanfacine. Guanochlor. Guanoxabenz and Guanoxan; Hydrazines and phthalazines such as Budralazine. Cadralazine. Dihydralazine. Endralazine. Hydracarbazine. Hydralazine. Pheniprazine. Pildralazine and Todralazine; Imidazole derivatives such as Clonidine. Lofexidine. Phentolamine. Tiamenidine and Tolonidine; Quaternary ammonium com- 65 pounds Azamethonium Bromide. Chlorisondamine Chloride. Hexamethonium. Pentacynium Bis (methyl sulfate). Pentamethonium Bromide. Pentolinium Tartate. Phenactopinium Chloride and Trimethidinium Methosulfate; Quinazoline derivatives such as Alfuzosin. Bunazosin Doxazosin. Prazosin. Terazosin and Trimazosin; Reserpine derivatives such as Bietaserpine. Deserpine. Rescinnamine. Reserpine and Syrosingopine; Sulfonamide derivatives such as Ambuside. Clopamide. Furosemide. Indapamide. Quinethazone. Tripamide and Xipamide; and others such as Ajmaline. γ -Aminobutyric Acid. Bufeniode. 65 Chlorthalidone. Cicletanine. Ciclosidomine. Cryptenamine Tannates. Fenoldopam. Flosequinan. Indora-

min. Ketanserin. Mebutamate. Mecamylamine. Methyl dopa. Methyl 4-Pyridyl Ketone Thiosemicarbazone. Metolazone. Minoxidil. Muzolimine. Pargyline. Pempidine. Pinacidil. Piperoxan. Primaperone. Protoberatrines. Raubasine. Rescimetol. Rilmenidene. Saralasin. Sodium Nitroprusside. Ticrynafen. Trimethaphan Camsylate. Tyrosinase and Urapidil.

5 44. Antihyperthyroids such as 2-Amino-4-methylthiazole. 2-Aminothiazole. Carbimazole. 3,5-Dibromo-L-tyrosine. 3,5-Diiodotyrosine. Hinderin. Iodine. Iothiouracil. Methimazole. Methylthiouracil. Propylthiouracil. Sodium Perchlorate. Thibenzazoline. Thiobarbital and 2-Thiouracil.

45. Antihypotensive drugs such as Amezinium Methyl Sulfate. Angiotensin Amide. Dimetofrine. Dopamine. Etifelmin. Etilefrin. Gepefrine. Metaraminol. Midodrine. Norepinephrine. Pholedrine and Synephrine.

10 46. Antihypothyroid drugs such as Levothyroxine Sodium. Liothyronine. Thyroid. Thyroidin. Thyroxine. Tiratricol and TSH.

47. Anti-Inflammatory (non-steroidal) drugs, including: Aminoarylcarboxylic acid derivatives such as Enfenamic Acid. Etofenamate. Flufenamic Acid. Isonixin. Meclofenamic Acid. Mefenamic Acid. Niflumic Acid. Talniflumate. Terofenamate and Tolfenamic Acid; Arylacetic acid derivatives such as Acemetacin. Alclofenac. Amfenac. Bufexamac. Cinmetacin. Clopirac. Diclofenac Sodium. Etodolac. Felbinac. Fenclofenac. Fenclorac. Fenclozic Acid. Fentiazac. Glucametacin. Ibufenac. Indomethacin. Isofezolac Isoxepac. Lonazolac. Metiazinic Acid. Oxametacine. Proglumetacin. Sulindac. Tiaramide. Tolmetin and Zomepirac; Arylbutyric acid derivatives such as Bumadizon. Butibufen. Fenbufen and Xenbucin; Arylcarboxylic acid such as Clidanac. Ketorolac and Tinoridine; Arylpropionic acid derivatives such as Alminoprofen. Benoxaprofen. Bucloxic Acid. Carprofen. Fenoprofen. Flunoxaprofen. Flurbiprofen. Ibuprofen. Ibuproxam. Indoprofen. Ketoprofen. Loxoprofen. Miroprofen. Naproxen. Oxaprozin. Piketoprofen. Pirprofen. Pranoprofen. Protizinic Acid. Suprofen and Tiaprofenic Acid; Pyrazoles such as Difenamizole and Epirizole; Pyrazolones such as Apazone. Benzpiperylon. Feprazone. Mofebutazone. Morazone. Oxyphenbutazone. Phenylbutazone. Pipebuzone. Propyphenazone. Ramifenazone. Suxibuzone and Thiazolinobutazone; Salicylic acid derivatives such as Acetaminosalol. Aspirin. Benorylate. Bromosaligenin. Calcium Acetylsalicylate. Diflunisal. Etersalate. Fendosal. Gentsic Acid. Glycol Salicylate. Imidazole Salicylate. Lysine Acetylsalicylate. Mesalamine. Morpholine Salicylate. 1-Naphthyl Salicylate. Olsalazine. Parsalimide. Phenyl Acetylsalicylate. Phenyl Salicylate. Salacetamide. Salicylamine O-Acetic Acid. Salicylsulfuric Acid. Salsalate and Sulfasalazine; Thiazinecarboxamides such as Droxicam. Isoxicam. Piroxicam and Tenoxicam; and others such as ϵ -Acetamidocaproic Acid. S-Adenosylmethionine. 3-Amino-4-hydroxybutyric Acid. Amixetrine. Bendazac. Benzydamine. Bucolome. Difenpiramide. Ditazol. Emorfazone. Guaiazulene. Nabumetone. Nimesulide. Orgotein. Oxaceprol. Paranyline. Perisoxal. Pifoxime. Proquazone. Proxazole and Tenidap.

35 48. Antimalarial drugs such as Acedapsona. Amodiaquin. Arteether. Artemether. Artemisinin. Artesunate. Bebeerine. Berberine. Chirata. Chlorguanide. Chloroquine. Chloroguanil. Cinchona. Cinchonidine. Cinchonine. Cycloguanil. Gentiopicrocin. Halofantrine. Hydroxychloroquine. Mefloquine Hydrochloride. 3-Methylarsacetin. Pamaquine. Plasmocid. Primaquine. Pyrimethamine. Quinacrine. Quinine. Quinine Bisulfate. Quinine Carbonate. Quinine Dihydrobromide. Quinine Dihydrochloride. Quinine Ethylcarbonate. Quinine Formate. Quinine Gluconate. Quinine Hydriodide. Quinine Hydrochloride. Quinine Salicylate. Quinine Sulfate. Quinine Tannate. Quinine Urea Hydrochloride. Quinocide. Quinoline and Sodium Arsenate Dibasic.

40 49. Antimigraine drugs such as Alpiropride. Dihydroergotamine. Ergocornine. Ergocorninine. Ergocryptine. Ergot. Ergotamine. Flumetoxone acetate. Fonazine. Lisuride. Methysergid(e). Oxetorone. Pizotyline and Sumatriptan.

45 50. Antinauseant drugs such as Acetylleucine Monoethanolamine. Alizapride. Benzquinamide. Bieta-nautine. Bromopride. Buclizine. Chlorpromazine. Clebopride. Cyclizine. Dimenhydrinate. Diphenidol. Domperidone. Granisetron. Meclizine. Methallatal. Metoclopramide. Metopimazine. Nabilone. Ondansetron. Oxypendyl. Pipamazine. Piprinhydrinate. Prochlorperazine. Scopolamine. Tetrahydrocannabinols. Thiethylperazine. Thioproperazine and Trimethobenzamide.

50 51. Antineoplastic drugs, including: Alkylating agents, including: Alkyl sulfonates such as Busulfan. Improsulfan and Pipsulfan; Aziridines such as Benzodepa. Carboquone. Meturedopa and Uredopa; Ethylenimines and methylmelamines such as Altretamine. Triethylenemelamine. Triethylenephosphoramide. Triethylenethiophosphoramide and Trimethylolmelamine; Nitrogen mustards such as Chlorambucil. Chlornaphazine. Cyclophosphamide Estramustine. Ifosfamide. Mechlorethamine. Mechlorethamine Oxide Hydrochloride. Melphalan. Novembichin. Phenesterine. Prednimustine. Trofosfamide and Uracil Mustard; Nitrosoureas such as Carmustine. Chlorozotocin. Fotemustine. Lomustine. Nimustine and Ranimustine; and others such as Dacarbazine. Mannomustine. Mitobronitol. Mitolactol and Pipobroman; Antibiotics such as Aclacinomycins. Actinomycin F₁. Anthramycin. Azaserine. Bleomycins. Cactinomycin. Carubicin. Carzinophilin. Chromomycins. Dactinomycin. Daunorubicin. 6-Diazo-5-oxo-L-norleucine. Doxorubicin. Epirubicin. Mitomycins. Mycophenolic Acid. Nogalamycin. Olivomycins. Peplomycin. Plicamycin. Porfiromycin. Puromycin. Streptonigrin. Streptozocin. Tubercidin. Ubenimex. Zinostatin and Zorubicin; Antimetabolites, including: Folic acid analogs such as Denopterin. Methotrexate. Pteropterin and Trimetrexate; Purine analogs such as Fludarabine. 6-Mercaptopurine. Thiamiprine and Thioguanine; and Pyrimidine analogs such as Ancitabine. Azacitidine. 6-Azauridine. Carmofur. Cytarabine. Doxifluridi-

ne. Enocitabine. Floxuridine. Fluorouracil and Tegafur; Enzymes such as L-Asparaginase; and others such as Aceglatone. Amsacrine. Bestrabucil. Bisantrene. Carboplatin. Cisplatin. Defosfamide. Demecolcine. Diaziquone. Eflornithine. Elliptinium Acetate. Etoglucid. Etoposide. Gallium Nitrate. Hydroxyurea. Interferon- α . Interferon- β . Interferon- γ . Interleukin-2. Lentinan. Lonidamine. Mitoguazone. Mitoxantrone. Mopidamol. Nitracrine. Pentostatin. Phenamet. Pirarubicin. Podophyllinic Acid. 2-Ethylhydrazide. Procarbazine. PSK®. Razoxane. Sizofiran. Spirogermanium. Taxol. Teniposide. Tenuazonic Acid. Triaziquone. 2,2', 2''-Trichlorotriethylamine. Urethan. Vinblastine. Vincristine and Vindesine.

52. Antineoplastic (hormonal) drugs, including: Androgens such as Calusterone. Dromostanolone Propionate. Epiostanol. Mepitiostane and Testolactone; Antiadrenals such as Aminoglutethimide. Mitotane and Trilostane; Antiandrogens such as Flutamide and Nilutamide; and Antiestrogens such as Tamoxifen and Toremifene.

53. Antineoplastic adjuncts including folic acid replenishers such as Folinic Acid.

54. Antiparkinsonian drugs such as Amantadine. Benserazide. Bietanautine. Biperiden. Bromocriptine. Budipine. Carbidopa. Deprenyl. Dextimide. Diethazine. Droxidopa. Ethopropazine. Ethylbenzhydramine. Levodopa. Naxagolide. Pergolide. Piroheptine. Pridinol. Prodipine. Terguride Tigloidine and Trihexypenidyl Hydrochloride.

55. Antipheochromocytoma drugs such as Metyrosine. Phenoxybenzamine and Phentolamine.

56. Antipneumocystis drugs such as Eflornithine. Pentamidine and Sulfamethoxazole.

57. Antiprosthetic hypertrophy drugs such as Gestonorone Caproate. Mepartricin. Oxendolone and Proscar®.

58. Antiprotozoal drugs (Leshmania) such as Antimony Sodium Gluconate. Ethylstibamine. Hydroxystilbamidine. N-Methylglucamine. Pentamidine. Stilbamidine and Urea Stibamine.

59. Antiprotozoal drugs (Trichomonas) such as Acetarzone. Aminitroazole. Anisomycin. Azanidazole. Formintrazone. Furazolidone. Hachimycin. Lauroguadine. Mepartricin. Metronidazole. Nifuratel. Nifuroxime. Nimorazole. Secnidazole. Silver Picrate. Tenonitroazole and Tinidazole.

60. Antiprotozoal drugs (Trypanosma) such as Benznidazole. Eflornithine. Melarsoprol. Nifurtimox. Oxophenarsine. Hydrochloride. Pentamidine. Propamidine. Puromycin. Quinapyramine. Stilbamidine. Suramin Sodium. Trypan Red and Tryparsamide.

61. Antipuritics such as Camphor. Cyproheptadine. Dichlorisone. Glycine. Halometasone. 3-Hydroxycamphor. Menthol. Mesulphen. Methdilazine. Phenol. Polidocanol. Riscocaine. Spirit of Camphor. Thernaldine. Tolpropamine and Trimeprazine.

62. Antipsoriatic drugs such as Acitretin. Ammonium Salicylate. Anthralin. 6-Azauridine. Bergapten(e). Chrysarobin. Etreinate and Pyrogallol.

63. Antipsychotic drugs, including: Butyrophenones such as Benperidol. Bromperidol. Droperidol. Fluanisone. Haloperidol. Melperone. Moperone. Pipamperone. Spiperone. Timiperone and Trifluoperidol; Phenothiazines such as Acetophenazine. Butaperazine. Carphenazine. Chlorproethazine. Chlorpromazine. Clospirazine. Cyamemazine. Dixyrazine. Fluphenazine. Imiclopazine. Mepazine. Mesoridazine. Methoxypropazine. Metofenazate. Oxaflumazine. Perazine. Pericyazine. Perimethazine. Perphenazine. Piperacetazine. Pipotiazine. Prochlorperazine. Promazine. Sulforidazine. Thiopropazate. Thioridazine. Trifluoperazine and Triflupromazine; Thioxanthenes such as Chlorprothixene. Clopenthixol. Flupentixol and Thiothixene; other tricyclics such as Benzquinamide. Carpipramine. Clozapamine. Clomacran. Clothiapine. Clozapine. Opipramol. Prothipendyl. Tetrabenazine and Zotepine; and others such as Alizapride. Amisulpride. Buramate. Fluspirilene. Molindone. Penfluridol. Pimozide. Sperlene and Sulpiride.

64. Antipyretics such as Acetaminophen. Acetaminosalol. Acetanilide. Aconine. Aconite. Aconitine. Alclofenac. Aluminum Bis(acetylsalicylate). Aminochlorthenoxazin. Aminopyrine. Aspirin. Benorylate. Benzhydramine. Berberine. p-Bromoacetanilide. Bufexamac. Bumadizon. Calcium Acetylsalicylate. Chlorthenoxazin(e). Choline Salicylate. Clidanac. Dihydroxyaluminum Acetylsalicylate. Dipyroctyl. Dipyrone. Epirizole. Etersalate. Imidazole Salicylate. Indomethacin. Isofezolac. p-Lactophenetide. Lysine Acetylsalicylate. Magnesium Acetylsalicylate. Meclofenamic Acid. Morazone. Morpholine Salicylate. Naproxen. Nifenazone. 5'-Nitro-2'-propoxyacetanilide. Propoxyacetanilide. Phenacetin. Phenicarbazide. Phenocoll. Phenopyrazone. Phenyl Acetylsalicylate. Phenyl Salicylate. Pipebuzone. Propacetamol. Propyphenazone. Ramifenazone. Salacetamide. Salicylamide O-Acetic Acid. Sodium Salicylate. Sulfamipyrine. Tetrandrine and Tinoridine.

65. Antirickettsial drugs such as p-Aminobenzoic Acid. Chloramphenicol. Chloramphenicol Palmitate. Chloramphenicol Pantothenate and Tetracycline.

66. Antiscorbutic drugs such as Chloroxine. 3-O-Lauroylpyridoxol Diacetate. Piroctone. Pyrithione. Resorcinol. Selenium Sulfides and Tioxolone.

67. Antiseptics, including: Guanidines such as Alexidine. Ambazone. Chlorhexidine and Picloxydine; Halogens and halogen compounds such as Bismuth Iodide Oxide. Bismuth Iodosubgallate. Bismuth Tribromophenate. Bornyl Chloride. Calcium Iodate. Chlorinated Lime. Cloflucarban. Flurosolan. Iodic Acid. Iodine. Iodine Monochloride. Iodine Trichloride. Iodoform. Methenamine Tetraiodine. Oxychlorosene. Povidone-Iodine. Sodium Hypochlorite. Sodium Iodate. Symclosene. Thymol Iodide. Triclocarban. Triclosan and Troclosesene Potassium; Mercurial compounds such as Hydrargaphen. Meralein Sodium. Merbromin. Mercurie Chloride. Mercuric Chloride Ammoniated. Mercuric Sodium p-Phenolsulfonate. Mer-

- curic Succinimide. Mercuric Sulfide Red. Mercuriofen. Mercurous Acetate. Mercurous Chloride. Mercurous Iodide. Nitromersol. Potassium Tetraiodomercurate(II). Potassium Triiodomercurate(II) Solution. Thimerfonate Sodium and Thimerosal; Nitrofurans such as Furazolidone. 2-(Methoxymethyl)-5-nitrofurane. Nitroxyzone. Nifuroxime. Nifurzide and Nitrofurazone; Phenols such as Acetomerocetol. Bithionol. Cadmium Salicylate. Carvacrol. Chloroxylenol. Chlorophene. Creosote. Cresol(s). p-Cresol. Fenticlor. Hexachlorophene. 1-Naphthyl Salicylate. 2-Naphthyl Salicylate. 2,4,6-Tribromo-m-cresol and 3',4',5-Trichlorosalicylanilide; Quinolines such as Aminoquinuride. Benzoxiquine. Broxyquinoline. Chloroxine. Chloroquinol. Cloxyquin. Ethylhydrocupreine. Euprocin. Halquinol. Hydrastine. 8-Hydroxyquinoline. 8-Hydroxyquinoline Sulfate and Iodochlorhydroxyquin; and others such as Aluminum Acetate Solution.
- 10 Aluminum Subacetate Solution. Aluminum Sulfate. 3-Amino-4-hydroxybutyric Acid. Boric Acid. Chlorhexidine. Chloroazodin. m-Cresyl Acetate. Cupric Sulfate. Dibromopropamide. Ichthammol. Negatol®. Noxytiolin. Ornidazole. β -Propiolactone. α -Terpineol.
68. Antispasmodic drugs such as Alibendol. Ambucetamide. Aminopromazine. Apotroprine. Bevonium Methyl Sulfate. Bietamiverine. Butaverine. Butropium Bromide. N-Butylscopolammonium Bromide. Caroverine. Cimetropium Bromide. Cinnamedrine. Clebopride. Coniine Hydrobromide. Coniine Hydrochloride. Cyclonium Iodide. Difemerine. Diisopromine. Dioxaphetyl Butyrate. Diponium Bromide. Drofenine. Emepronium Bromide. Ethaverine. Feclamine. Fenalamide. Fenoverine. Fenpiprane. Fenpiverinium Bromide. Fentonium Bromide. Flavoxate. Flopropione. Gluconic Acid. Guaiactamine. Hydramitrazine. Hymecromone. Leiopyrrole. Mebeverine. Moxaverine. Nafiverine. Octamylamine. Octaverine. Pentapiperide. Phenamacide Hydrochloride. Phloroglucinol. Pinaverium Bromide. Piperilate. Pipoxolan Hydrochloride. Pramiverin. Prifinium Bromide. Properidine. Propivane. Propyromazine. Prozapine. Racefemine. Rociverine. Spasmolytol. Stilonium Iodide. Sultroponium. Tiemonium Iodide. Tiquizium Bromide. Tiropramide. Trepibutone. Tricromyl. Trifolium. Trimebutine. N,N-1-Trimethyl-3,3-diphenyl-propylamine. Tropenzile. Trosipium Chloride and Xenytropium Bromide.
- 25 69. Antithrombotic drugs such as Anagrelide. Argatroban. Cilostazol. Daltroban. Defibrotide. Enoxaparin. Fraxiparine®. Indobufen. Lamoparan. Ozagrel. Picotamide. Plafibride. Tedelparin. Ticlopidine and Triflusal.
70. Antitussive drugs such as Allocamide. Amicibone. Benproperine. Benzonatate. Bibenzonium Bromide. Bromoform. Butamirate. Butethamate. Caramiphen Ethanedisulfonate. Carbetapentane. Chlophedianol. Clobutinol. Cloperastine. Codeine. Codeine Methyl Bromide. Codeine N-Oxide. Codeine Phosphate. Codeine Sulfate. Cyclexanone. Dextromethorphan. Dibunate Sodium. Dihydrocodeine. Dihydrocodeinone Enol Acetate. Dimemorfan. Dimethoxanate. α,α -Diphenyl-2-piperidinepropanol. Dropropizine. Drotebanol. Eprazinone. Ethyl Dibunate. Ethylmorphine. Fominoben. Guaiapate. Hydrocodone. Isoaminile. Levopropoxyphene. Morclofone. Narceine. Normethadone. Noscapine. Oxeladin. Oxolamine. Pholcodine. Picoperine. Pipazethate. Piperidione. Prenoxdiazine Hydrochloride. Racemethorphan. Taziprinone Hydrochloride. Tipepidine and Zipeprol.
- 30 71. Antiulcerative drugs such as Aceglutamide Aluminum Complex. ϵ -Acetamidocaproic Acid Zinc Salt. Acetoxolone. Arbabprostil. Benexate Hydrochloride. Bismuth Subcitrate Sol (Dried). Carbenoxolone. Cetraxate. Cimetidine. Enprostil. Esaprazole. Famotidine. Ftaxilide. Gefarnate. Guaiazulene. Irsogladine. Misoprostol. Nizatidine. Omeprazole. Ornoprostil. γ -Oryzanol. Pifarnine. Pirenzepine. Plaunotol. Ranitidine. Rioprostil. Rosaprostol. Rotraxate. Roxatidine Acetate. Sofalcone. Spizofurone. Sucralfate. Teprenone. Trimoprostil. Trithiozine. Troxipide and Zolimidine.
- 40 72. Antiulcerative drugs such as Acetohydroxamic Acid. Allopurinol. Potassium Citrate and Succinimide.
73. Antivenin drugs such as Lyovac® Antivenin.
- 45 74. Antiviral drugs, including: Purines and pyrimidinones such as Acyclovir. Cytarabine. Dideoxyadenosine. Dideoxycytidine. Dideoxyinosine. Edoxudine. Floxuridine. Ganciclovir. Idoxuridine. Inosine Pranobex. MADU. Trifluridine. Vidarabine and Zidovudine; and others such as Acetylleucine Monoethanolamine. Amantadine. Amidinomyacin. Cuminaldehyde Thiosemicarbazone. Foscarnet Sodium. Interferon- α . Interferon- β . Interferon- γ . Kethoxal. Lysozyme. Methisazone. Moroxydine. Podophyllotoxin. Ribavirin. Rimantadine. Stallimycin. Statolon. Tromantadine and Xenazoic Acid.
- 50 75. Anxiolytic drugs, including: Arylpiperazines such as Buspirone. Gepirone and Ipsapirone; Benzodiazepine derivatives such as Alprazolam. Bromazepam. Camazepam. Chlordiazepoxide. Clobazam. Clorazepate. Clotiazepam. Cloxazolam. Diazepam. Ethyl Loflazepate. Etizolam. Fludiazepam. Flutazolam. Flutoprazepam. Halazepam. Ketazolam. Lorazepam. Loxapine. Medazepam. Metaclozepam. Mexazolam. Nordazepam. Oxazepam. Oxazolam. Pinazepam. Prazepam and Tofisopam; Carbamates such as Cyclarbaramate. Emylcamate. Hydroxyphenamate. Meprobamate. Phenprobamate and Tybamate; and others such as Alpidem. Benzoctamine. Captodiamine. Chlormezanone. Etifoxine. Fluoresone. Glutamic Acid. Hydroxyzine. Mecloralurea. Mephenoxalone. Oxanamide. Phenaglycodol. Suriclone.
- 55 76. Benzodiazepine antagonists such as Flumazenil.
77. Bronchodilators, including: Ephedrine derivatives such as Albuterol. Bambuterol. Bitolterol. Carbuterol. Clenbuterol. Clorprenaline. Dioxethedrine. Ephedrine. Epinephrine. Eprozinol. Etafedrine. Ethyl-norepinephrine. Fenoterol. Hexoprenaline. Isoetharine. Isoproterenol. Mabuterol. Metaproterenol. N-Methylephedrine. Pirbuterol. Procaterol. Protokylol. Reproterol. Rimiterol. Soterol. Terbuterol and Tulobuterol; Quaternary ammonium compounds such as Bevonium Methyl Sulfate. Flutropium Bromide. Ipratropium Bromide and Oxitropium Bromide; Xanthine derivatives such as Acefylline. Acefylline Piperazine. Am-
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buphylline. Aminophylline. Bamifylline. Choline Theophyllinate. Doxofylline. Dyphylline. Enprofylline. Etamiphyllin. Etofylline. Guaithylline. Proxiphylline. Theobromine. 1-Theobromineacetic Acid and Theophylline; and others such as Fenspiride. Medibazine. Methoxyphenanime and Tretoquinol.

78. Calcium channel blockers, including: Arylalkylamines such as Bepridil. Diltiazem. Fendiline. Gallopamil. Prenylamine. Terodiline and Verapamil; Dihydropyridine derivatives such as Felodipine. Isradipine. Nicardipine. Nifedipine. Nilvadipine. Nimodipine. Nisoldipine and Nitrendipine; Piperazine derivatives such as Cinnarizine. Flunarizine and Lidoflazine; and others such as Bencyclane. Etafenone and Perhexiline.

79. Calcium regulators such as Calcifediol. Calcitonin. Calcitriol. Clodronic Acid. Dihydrotachysterol. Elcatonin. Etidronic Acid. Ipriflavone. Pamidronic Acid. Parathyroid Hormone and Teriparatide Acetate.

80. Cardiotonics such as Acefylline. Acetyldigitoxins. 2-Amino-4-picoline. Amrinone. Benfurodil Hemisuccinate. Bucladesine. Cerberoside. Camphotamide. Convallatoxin. Cymarine. Denopamine. Deslanoside. Digitalin. Digitalis. Digitoxin. Digoxin. Dobutamine. Dopamine. Dopexamine. Enoximone. Erythrophleine. Fenalcomine. Gitalin. Gitoxin. Glycocyamine. Heptaminol. Hydrastinine. Ibopamine. Lanatosides. Metamivam. Milrinone. Neriifolin. Oleandrin. Ouabain. Oxyfedrine. Prenalterol. Proscillaridin. Resibufogennin. Scillaren. Scillarenin. Strophanthin. Sulmazole. Theobromine and Xamoterol.

81. Chelating agente such as Deferoxamine. Ditiocarb Sodium. Edetate Calcium Disodium. Edetate Disodium. Edetate Sodium. Edetate Trisodium. Penicillamine. Pentetate Calcium Trisodium. Pentetic Acid. Succimer and Trientine.

82. Cholecystokinin antagonists such as Proglumide.

83. Cholelitholytic agents such as Chenodiol. Methyl tert-Butyl Ether. Monoctanoil and Ursodiol.

84. Cholereitics such as Alibendol. Anethole Trithion. Azintamide. Cholic Acid. Cicrotic Acid. Clano-butin. Cyclobutyrol. Cyclovalone. Cynarin(e). Dehydrocholic Acid. Deoxycholic Acid. Dimecrotic Acid. α -Ethylbenzyl Alcohol. Exiproben. Feguprol. Fencibutirol. Fenipentol. Florantyrone. Hymecromone. Menbutone. 3-(o-Methoxyphenyl)-2-phenylacrylic Acid. Metochalcone. Moquizone. Osamid. Ox Bile Extract. 4,4'-Oxydi-2-butanol. Piprozolin. Prozapine. 4-Salicyloylmorpholine. Sincalide. Taurocholic Acid. Tironacic. Tocamphyl. Trepibutone and Vanitilolide.

85. Cholinergic agents such as Aceclidine. Acetylcholine Bromide. Acetylcholine Chloride. Aclatonium Napadisilate. Benzpyrinium Bromide. Bethanechol Chloride. Carbachol. Carpronium Chloride. Demecarium Bromide. Dexpanthenol. Diisopropyl Paraaxon. Echothiophate Iodide. Edrophonium Chloride. Eseridine. Furtrethonium. Isofluorophate. Methacholine Chloride. Muscarine. Neostigmine. Oxapropanium Iodide. Physostigmine and Pyridostigmine Bromide.

86. Cholinesterase inhibitors such as Ambenonium Chloride. Distigmine Bromide and Galanthamine.

87. Cholinesterase reactivators such as Obidoxime Chloride and Pralidoxime Chloride.

88. Central nervous System stimulants and agente such as Amineptine. Amphetamine. Amphetaminil. Bemegrade. Benzphetamine. Brucine. Caffeine. Chlorphentermine. Clofenciclan. Clortermine. Coca. Demanyl Phosphate. Dexoadrol. Dextroamphetamine Sulfate. Diethylpropion. N-Ethylamphetamine. Ethamivan. Etifelmin. Etryptamine. Fencamfamine. Fenethylline. Fenozolone. Flurothyl. Hexacyclonate Sodium. Homocamfin. Mazindol. Mefexamide. Methamphetamine. Methylphenidate. Nikethamide. Pemo-line. Pentylenetetrazole. Phendimetrazine. Phenmetrazine. Phentermine. Picrotoxin. Pipradrol. Prolintane and Pyrovalerone.

89. Decongestants such as Amidephrine. Cafaminol. Cyclopentamine. Ephedrine. Epinephrine. Fenoxazoline. Indanazoline. Metizoline. Naphazoline. Nordefrin Hydrochloride. Octodrine. Oxymetazoline. Phenylephrine Hydrochloride. Phenylpropanolamine Hydrochloride. Phenylpropylmethylamine. Propylhexedrine. Pseudoephedrine. Tetrahydrozoline. Tymazoline and Xylometazoline.

90. Dental caries prophylaxis such as Sodium Fluoride.

91. Depigmentors such as Hydroquinine. Hydroquinone and Monobenzene.

92. Diuretics, including: Organomercurials such as Chlormerodrin. Meralluride. Mercamphamide. Mercaptomerin Sodium. Mercumallylic Acid. Mercumatilin Sodium. Mercurous Chloride and Mersaly; Pteridines such as Furterene and Triamterene; Purines such as Acefylline. 7-Morpholinomethyltheophylline. Pamabrom. Protheobromine and Theobromine; Steroids such as Canrenone. Oleandrin and Spiro-nolactone; Sulfonamide derivatives such as Acetazolamide. Ambuside. Azosemide. Bumetanide. Butazo-lamide. Chloraminophenamide. Clofenamide. Clopamide. Clorexolone. Diphenylmethane-4,4'-disulfona-mide. Disulfamide. Ethoxzolamide. Furosemide. Indapamide. Mefruside. Methazolamide. Piretanide. Quinethazone. Torasemide. Tripamide and Xipamide; Uracils such as Aminometradine and Amisometra-dine; others such as Amanozine. Amiloride. Arbutin. Chlorazanil. Ethacrynic Acid. Etozolin. Hydracarbazine. Isosorbide. Mannitol. Metochalcone. Muzolimine. Perhexiline. Ticrynafen and Urea.

93. Dopamine receptor agonistes such as Bromocriptine. Dopexamine. Fenoldopam. Ibopamine. Lisuride. Naxagolide and Pergolide.

94. Ectoparasiticides such as Amitraz. Benzyl Benzoate. Carbaryl. Crotamiton. DDT. Dixanthogen. Isobornyl Thiocyanacetate-Technical. Lime Sulfurated Solution. Lindane. Malathion. Mercurie Oleate. Mesulphen and Sulphur-Pharmaceutical.

95. Enzymes, including: Digestive enzymes such as α -Amylase (Swine Pancreas). Lipase. Pancrelipase. Pepsin and Rennin; Mucolytic enzymes such as Lysozyme; Penicillin inactivating enzymes such as Penicillinase; and Proteolytic enzymes such as Collagenase. Chymopapain. Chymotrypsins. Papain and Trypsin.

96. Enzyme inducers (hepatic) such as Flumecinol.
97. Estrogens, including: Nonsteroidal estrogens such as Benzestrol, Broparoesol, Chlorotrianisene, Dienestrol, Diethylstilbestrol, Diethylstilbestrol Dipropionate, Dimestrol, Fosfestrol, Hexestrol, Methallenestrol and Methestrol; and Steroidal estrogens such as Colpormon, Conjugated Estrogenic Hormones, Equilenin, Equilin, Estradiol, Estradiol Benzoate, Estradiol 17 β -Cypionate, Estriol, Estrone, Ethinyl Estradiol, Mestranol, Moxestrol, Mytatrienediol, Quinestradiol and Quinestrol.
98. Gastric secretion inhibitors such as Enterogastrone and Octreotide.
99. Glucocorticoids such as 21-Acetoxyprogesterone, Alclometasone, Algestone, Amcinonide, Beclo-methasone, Betamethasone, Budesonide, Chloroprednisone, Clobetasol, Clobetasone, Clorcortolone, Cloprednol, Corticosterone, Cortisone, Cortivazol, Deflazacort, Desonide, Desoximetasone, Dexametha-
10 sone, Difflorasone, Diflucortolone, Difluprednate, Enoxolone, Fluazacort, Flucloronide, Flumethasone, Flu-nisolide, Fluocinolone Acetonide, Fluocinonide, Fluocortin Butyl, Fluocortolone, Fluorometholone, Flupe-rolone Acetate, Fluprednidene Acetate, Fluprednisolone, Flurandrenolide, Formocortal, Halcinonide, Halometasone, Halopredone Acetate, Hydrocortamate, Hydrocortisone, Hydrocortisone Acetate, Hydro-cortisone Phosphate, Hydrocortisone 21-Sodium Succinate, Hydrocortisone Tebutate, Mazipredone,
15 Medrysone, Meprednisone, Methylprednisolone, Mometasone Furoate, Paramethasone, Prednicarbate, Prednisolone, Prednisolone 21-Diethylaminoacetate, Prednisone Sodium Phosphate, Prednisolone So-dium Succinate, Prednisolone Sodium 21-m-Sulfobenzoate, Prednisolone 21-Stearoylglycolate, Predniso-lone Tebutate, Prednisolone 21-Trimethylacetate, Prednisone, Prednival, Prednylidene, Prednylidene
20 21-Diethylaminoacetate, Tixocortal, Triamcinolone, Triamcinolone Acetonide, Triamcinolone Benetonide and Triamcinolone Hexacetonide.
100. Gonad-Stimulating principles such as Buserelin, Clomiphene, Cyclofenil, Epimestrol, FSH, HCG and LH-RH.
101. Gonadotropic hormones such as LH and PMSG.
- 25 102. Growth hormone inhibitors such as Octreotide and Somatostatin.
103. Growth hormone releasing factors such as Semorelin.
104. Growth stimulants such as Somatotropin.
105. Hemolytic agents such as Phenylhydrazine and Phenylhydrazine Hydrochloride.
106. Heparin antagonists such as Hexadimethrine Bromide and Protamines.
- 30 107. Hepatoprotectants such as S-Adenosylmethionine, Betaine, Catechin, Citiolone, Malotilate, Ora-zamide, Phosphorylcholine, Protoporphyrin IX, Silymarin-Group, Thiocetic Acid and Tiopronin.
108. Immunomodulators such as Amiprilose, Bucillamine, Ditiocarb Sodium, Inosine Pranobex, Inter-feron- γ , Interleukin-2, Lentinan, Muroctasin, Platonin, Procodazole, Tetramisole, Thymomodulin, Thymo-pentin and Ubenimex.
- 35 109. Immunosuppressants such as Azathioprine, Cyclosporins and Mizoribine.
110. Ion exchange resins such as Carbacrylic Resins, Cholestyramine Resin, Colestipol, Polidexi-de, Resodec and Sodium Polystyrene Sulfonate.
111. Lactation stimulating hormone such as Prolactin.
112. LH-RH agonists such as Buserelin, Goserelin, Leuprolide, Nafarelin and Triptorelin.
- 40 113. Lipotropic agents such as N-Acetylmethionine, Choline Chloride, Choline Dehydrocholate, Choli-ne Dihydrogen Citrate, Inositol, Lecithin and Methionine.
114. Lupus erythematosus suppressants such as Bismuth Sodium Triglycollamate, Bismuth Subsali-cylate, Chloroquine and Hydroxychloroquine.
115. Mineralcorticoids such as Aldosterone, Deoxycorticosterone, Deoxycorticosterone Acetate and
45 Fludrocortisone.
116. Miotic drugs such as Carbachol, Physostigmine, Pilocarpine and Pilocarpus.
117. Monoamine oxidase inhibitors such as Deprenyl, Iproclozide, Iproniazid, Isocarboxazid, Moclobemide, Octamoxin, Pargyline, Phenelzine, Phenoxypropazine, Pivalylbenzhydrazine, Prodipine, Toloxatone and Tranylcypramine.
- 50 118. Mucolytic agents such as Acetylcysteine, Bromhexine, Carbocysteine, Domiodol, Letosteine, Ly-sozyme, Mecysteine Hydrochloride, Mesna, Sobrerol, Stepronin, Tiopronin and Tyloxapol.
119. Muscle relaxants (skeletal) such as Aflouqualone, Alcuronium, Atracurium Besylate, Baclofen, Benzocetamine, Benzoquinonium Chloride, C-Calebassine, Carisoprodol, Chlormezanone, Chlorphenesin Carbamate, Chlorproethazine, Chlorzoxazone, Curare, Cyclarbamate, Cyclobenzaprine, Dantrolene,
55 Decamethonium Bromide, Diazepam, Eperisone, Fazadinium Bromide, Flumetramide, Gallamine Triethiodide, Hexacarbacholine Bromide, Hexafluorenum Bromide, Idrocilamide, Laudexium Methyl Sul-fate, Leptodactyline, Memantine, Mephenesin, Mephenoxalone, Metaxalone, Methocarbamol, Metocurine Iodide, Nimetazepam, Orphenadrine, Pancuronium Bromide, Phenprobamate, Phenylamidol, Pipecu-rium Bromide, Promoxolane, Quinine Sulfate, Styramate, Succinylcholine Bromide, Succinylcholine
60 Chloride, Succinylcholine Iodine, Suxethonium Bromide, Tetrazepam, Thiocolchicoside, Tizanidine, Tol-perisone, Tubocurarine Chloride, Vecuronium Bromide and Zoxazolamine.
120. Narcotic antagonists such as Amiphenazole, Cyclazocine, Levallorphan, Nadide, Nalmefene, Na-lorphine, Nalorphine Dinicotinate, Naloxone and Naltrexone.
121. Neuroprotective agents such as Dizocilpine.
- 65 122. Nootropic agents such as Aceglutamide, Acetylcarnitine, Aniracetam, Bifemelane, Exifone, Fi-

- pexide. Idebenone. Indeloxazine Hydrochloride. Nizofenone. Oxiracetam. Piracetam. Propentofylline. Pyritinol and Tacrine.
123. Ophthalmic agents such as 15-ketoprostaglandins.
124. Ovarian hormone such as Relaxin.
- 5 125. Oxytocic drugs such as Carboprost. Cargutocin. Deaminoxytocin. Ergonovine. Gemeprost. Methylergonovine. Oxytocin. Pituitary (Posterior). Prostaglandin E₂. Prostaglandin F_{2α} and Sparteine.
126. Pepsin inhibitors such as Sodium Amylosulfate.
127. Peristaltic stimulants such as Cisapride.
128. Progestogens such as Allylestrenol. Anagestone. Chlormadinone Acetate. Delmadinone Acetate.
- 10 Demegestone. Desogestrel. Dimethisterone. Dydrogesterone. Ethisterone. Ethynodiol. Flurogestone Acetate. Gestodene. Gestonorone Caproate. Haloprogesterone. 17-Hydroxy-16-methylene-progesterone. 17α-Hydroxyprogesterone. 17α-Hydroxyprogesterone Caproate. Lynestrenol. Medrogestone. Medroxyprogesterone. Megestrol Acetate. Melengestrol. Norethindrone. Norethynodrel. Norgesterone. Norgestimate. Norgestrel. Norgestrienone. Norvinisterone. Pentagestrone. Progesterone. Promegestone. Quingestron and Trengestron.
- 15 129. Prolactin inhibitors such as Metergoline.
130. Prostaglandins and prostaglandin analogs such as Arbaprostil. Carboprost. Enprostil. Gemeprost. Limaprost. Misoprostol. Ornoprostil. Prostacyclin. Prostaglandin E₁. Prostaglandin E₂. Prostaglandin F_{2α}. Rioprostil. Rosaprostol. Sulprostone and Trimoprostil.
- 20 131. Protease inhibitors such as Aprotinin. Camostat. Gabexate and Nafamostat.
132. Respiratory stimulants such as Almitrine. Bemegride. Carbon Dioxide. Cropropamide. Crotethamide. Dimeflin. Dimorpholamine. Doxapram. Ethamivam. Fominoben. Lobeline. Mepixanox. Metamivam. Nikethamide. Picrotoxin. Pimeclone. Pyridofylline. Sodium Succinate and Tacrine.
- 25 133. Sclerosing agents such as Ethanolamine. Ethylamine. Ethylamine. 2-Hexyldecanoic Acid. Polidocanol. Quinine Bisulfate. Quinine Urea Hydrochloride. Sodium Ricinoleate. Sodium Tetradecyl Sulfate and Tribenoside.
134. Sedatives and hypnotics, including: Acyclic ureides such as Acecarbromal. Apronalide. Bomisovalum. Capuride. Carbromal and Ectylurea; Alcohols such as Chlorhexadol. Ethchlorvynol. Meparfynol. 4-Methyl-5-thiazoleethanol. tert-Pentyl Alcohol and 2, 2, 2-Trichloroethanol; Amides such as Butoctamide. Diethylbromoacetamide. Ibrotamide. Isovaleryl Diethylamide. Niaprazine. Tricetamide. Trimetozine.
- 30 Zolpidem and Zopiclone; Barbituric acid derivatives such as Allobarbital. Amobarbital. Aprobarbital. Barbital. Brallobarbital. Butabarbital Sodium. Butalbital. Butallylonal. Butethal. Carbutarb. Cyclobarbital. Cyclopentobarbital. Enallypropymal. 5-Ethyl-5-(1-piperidyl) barbituric Acid. 5-Furfuryl-5-isopropylbarbituric Acid. Heptabarbital. Hexethal Sodium. Hexobarbital. Mephobarbital. Methitural. Narcobarbital. Nealbarbital. Pentobarbitol Sodium. Phenallymal. Phenobarbitol. Phenobarbitol Sodium. Phenylmethylbarbituric Acid. Probarbital. Propallylonal. Proxibarbal. Reposal. Secobarbitol Sodium. Talbutal. Tetrabarbital. Vinbarbitol Sodium and Vinylbital; Benzodiazepine derivatives such as Brotizolam. Doxefazepam. Estazolam. Flunitrazepam. Flurazepam. Haloxazolam. Loprazolam. Lormetazepam. Nitrazepam. Quazepam. Temazepam and Triazolam; Bromides such as Ammonium Bromide. Calcium Bromide. Calcium Bromide. Calcium Bromide. Calcium Bromide; Carbamates such as Amyl Carbamate-Tertiary. Ethinamate. Hexapropymate. Meparfynol Carbamate. Novonal and Trichlorourethan; Chloral derivatives such as Carbocloral. Chloral Betaine. Chloral Formamide. Chloral Hydrate. Chloralantipyrine. Dichloralphenazone. Pentaerythritol Chloral and Triclofos; Piperidine-diones such as Glutethimide. Methyprylon. Piperidione. Pyrithyldione. Taglutimide and Thalidomide; Quinazoline derivatives such as Etaqualone. Mecloqualone and Methaqualone; and others such as Acetal.
- 45 Acetophenone. Aldol. Ammonium Valerate. Amphenidone. d-Bornyl α-Bromoisovalerate. d-Bornyl Isovalerate. Bromoform. Calcium 2-Ethylbutanoate. Carfinate. α-Chloralose. Clomethiazole. Cypripedium. Doxylamine. Etodroxizine. Etomidate. Fenadiazole. Homofenazine. Hydrobromic Acid. Mecloxamine. Menthyl Valerate. Opium. Paraldehyde. Perlapine. Propiomazine. Rilimazafone. Sodium Oxybate. Sulfonethylmethane and Sulfonmethane.
- 50 135. Thrombolytic agents such as APSAC. Plasmin. Pro-Urokinase. Streptokinase. Tissue Plasminogen Activator and Urokinase.
136. Thyrotropic hormones such as TRH and TSH.
137. Uricosurics such as Benzbromarone. Ethebenecid. Orotic Acid. Oxycinchophen. Probenecid. Sulfapyrazone. Ticrynafen and Zoxazolamine.
- 55 138. Vasodilators (cerebral) such as Bencyclane. Cinnarizine. Citicoline. Cyclandelate. Ciclonicate. Diisopropylamine Dichloroacetate. Eburnamonine. Fenoxedil. Flunarizine. Ibudilast. Ifenprodil. Nafronyl. Nicametate. Nicergoline. Nimodipine. Papaverine. Pentifylline. Tinofedrine. Vincamine. Vinpocetine and Viquidil.
139. Vasodilators (coronary) such as Amotriphene. Bendazol. Benfurodil Hemisuccinate. Benziodarone. Chloracizine. Chromonar. Clobenfuroil. Clonitrate. Dilazep. Dipyridamole. Droprenilamine. Eflorate. Erythritol. Erythryl Tetranitrate. Etafenone. Fendiline. Floredil. Ganglefene. Hexestrol Bis(β-diethylaminoethyl ether). Hexobendine. Itramin Tosylate. Khellin. Lidoflazine. Mannitol Hexanitrate. Medibazine. Nicorandil. Nitroglycerin. Pentaerythritol Tetranitrate. Pentrinitrol. Perhexiline. Pimefylline. Prenylamine. Propatyl Nitrate. Pyridofylline. Trapidil. Tricromyl. Trimetazidine. Trolnitrate Phosphate and Visnadine.
- 65

140. Vasodilators (peripheral) such as Aluminum Nicotinate. Bamethan. Bencyclane. Betahistine. Bradykinin. Brovincamine. Bufoniode. Buflomedil. Butalamine. Cetiedil. Ciclonicate. Cinepazide. Cinnarizine. Cyclandelate. Diisopropylamine Dichloracetate. Eledoisin. Fenoxedil. Flunarizine. Hepronicate. Ifenprodil. Inositol Niacinate. Isoxsuprine. Kallidin. Kallikrein. Moxisylyte. Nafronyl. Nicametate. Nicergoline. Nicofuranose. Nicotinyl Alcohol. Nylidrin. Pentifylline. Pentoxifylline. Piribedil. Prostaglandin E₁. Suloctidil and Xanthinol Niacinate.

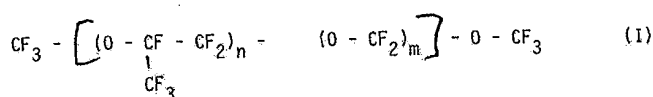
141. Vasoprotectants such as Benzarone. Bioflavonoids. Chromocarb. Clobenoside. Diosmin. Dobesilate Calcium. Escin. Folescitol. Leucocyanidin. Metescufylline. Quercetin. Rutin and Troxerutin.

142. Vitamins, vitamin sources and vitamin extracts such as Vitamins A, B, C, D, E and K and derivatives thereof. Calciferols. Glycyrrhiza and Mecobalamin.

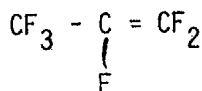
143. Vulnerary agents such as Acetylcysteine. Allantoin. Asiaticoside. Cadexomer Iodine. Chitin. Dextranomer and Oxaceprol.

Detta utilizzazione incrementa il transassorbimento dei farmaci fino a oltre 5 volte la loro capacità naturale.

L'invenzione concerne, finalmente, anche i composti della classe dei Perfluoropolyeteri di formula I



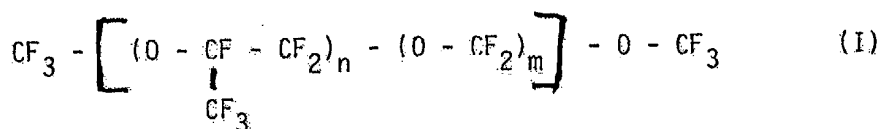
con n e m > 18 e < 46 e con pesi molecolari fra 600 e 8000, specialmente quelli con n e m > 24 e < 36 e con pesi molecolari fra 1000 e 4000 ed ottenuti mediante polimerizzazione di esafluoropropene



con ossigeno attivato all'UV.

Rivendicazioni

1. Composizioni farmaceutiche, caratterizzate dal fatto di contenere, oltre il o i principio(i) attivo(i), - tra lo 0,01 ed il 60% p/p dei composti di formula I

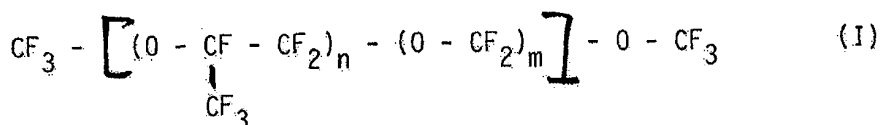


- con n e m > 18 e < 46 e con pesi molecolari fra 600 e 8000
 - in combinazione con da 0,01 a 20% p/p di Fosfatidilcolina
 - come composti ad attività promotrice di assorbimento dei principi attivi.

2. Composizioni farmaceutiche secondo la rivendicazione 1 con 0,1 a 30% p/p dei composti di formula I con n e m > 24 e < 36 e con pesi molecolari fra 1000 e 4000 e con 0,1 a 10% p/p di Fosfatidilcolina.

3. Composizioni farmaceutiche secondo una delle rivendicazioni 1 o 2, contenenti altre componenti compatibili e presenti in forma di creme, emulsioni, unguenti, lozioni, schiume, gel e formulazioni transdermali.

4. Utilizzazione dei composti di formula I



con n e m > 18 e < 46, preferibilmente > 24 e < 36, e con pesi molecolari fra 600 e 8000, preferibilmente fra 1000 e 4000, congiuntamente con la Fosfatidilcolina, in composizioni farmaceutiche ad uso

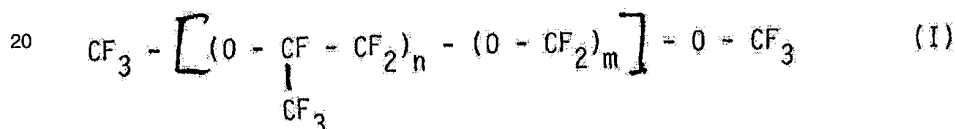
topico esterno o interno per promuovere l'assorbimento di principi attivi attraverso derma, cutis, mucosa, rectum, vagina e urethra.

5. Utilizzazione secondo la rivendicazione 4, caratterizzata dal fatto che principi attivi usati hanno preferibilmente un effetto anabolico, analgesico, androgenico, anestetico, anoressico, antelmintico, anti allergico, antiamebico, antiandrogenico, anti-anginale, antiaritmico, antiarteriosclerotico, antiartrite e -reumatico, antibatterico, anticolinergico, anticonvulsivo, antidepressivo, antidiabetico, antidiarroico, antidiuretico, antiestrogenico, antibiotico, antiglaucomico, antigonotropico, antiistaminico, antiiperlipoproteico, antiipertireodico, antiipertensivo, antiinfiammatorio, antimalarico, antimigranico, antinauseante, antineoplastico, antiparkinsonico, antiprotozoico, antiprurítico, antipsoriatico, antipsicotico, antipiretico, antisettico, antispasmodico, antitrombotico, antitussivo, antiulcerale, antivirale, ansiolitico, broncodilatatorio, CA-bloccante o -regolatorio, cardiotonico, stimolante, decongestionante, diuretico o enzimatico.

6. Utilizzazione secondo la rivendicazione 5, caratterizzata dal fatto che i principi attivi sono la Troxerutina o il Nimesulide ed, inoltre, agenti antiinfiammatori non-steriodali come la Ketoprofene, il Diclofenac Sodio, l'ibuprofene, l'acido Etodolico e il Piroxicam.

7. Utilizzazione secondo la rivendicazione 4, caratterizzata dal fatto che l'assorbimento dei farmaci è incrementato fino a oltre 5 volte la loro capacità naturale.

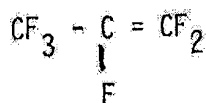
8. Composti della classe dei Perfluoropolietieri di formula I



con n e m > 18 e < 46 e con pesi molecolari fra 600 e 8000.

9. Composti secondo la rivendicazione 8 con n e m > 24 e < 36 e con pesi molecolari fra 1000 e 4000.

10. Composti secondo la rivendicazione 9, caratterizzati dal fatto che sono ottenuti mediante polimerizzazione di esafluoropropene



con ossigeno attivato all'UV.