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(21) 10 - 1996 - 0018324
(22) 1996 05 28

(65)
(43)

1997 - 0073583
1997 12 10

(73)

805 - 15

(72)

220 - 2

109 1103

200 - 205

117 303

(74)

:

(54)

(TAXOLR^R)

(calcium disodium edetate)

(tromethamine)

(TAXOLR^R)

(Taxus spp.) (Taxol[®] paclitaxel) 20
 (diterpene) (taxane) , , 가 35,000
 . 1960 (Taxus brevifolia)
 가 , 1969 (Wall)
 , 1971 가 (Eric K. Rowinsky, Lorraine A. Cazenave, Ross C. Dondhower, J. National Cancer Inst., 82: 11247 (1990)).

(Colchicine) (Vinca alkaloid)가 (microtubule)
 , (microtubule assembly)
 Horwitz, Nature, 277: 665 (1979)), (Schiff) (Schiff, P. B., J. Fant and S. B.)
 . NCI 가 가
 30 %, 50 %, 20% (David G. I., Samaranyake, and C. A. Ivey, J. Nat. Prod., 53: 1, (1990)).

가 .
 ,
 , 5,478,860
 (PEG) (microemulsion)
 639,577 (POM) PCT (MTM)
 (drug delivery system; DDS) WO - 9318757
 (liposome - encapsulate)
 d Taxol)

가
 (Cremophor EL[™] : BASF) . 가가
 , 가 .

가 .

(calcium disodium edetate) (tromethamine)
 .
 0.4 1.2 mg 가 1 ml 0.1 0.2 mg, 1 ml 6 mg, 1 ml
 mg, . 가 50 %
 0.1 mg가 . 0.6

etoxicant) (d
 (TRIS) (alkalyzer) (respiratory d
 istress syndrome), (asphyxia neonatorum), (drug intoxication), (chro
 nic respiratory insufficiency) pCO₂

(sonication) 가
 (Cremophor EL™) 가 , 50% 가

(1)

10 ml 30 mg 가 5 5 (sonication)
 25 ml 300 mg 가 5 5 50% 5 ml
 10 mg 가 5 가
 50 ml 가 10

(2)

10 ml 60 mg 가 5 5
 25 ml 300 mg 가 5 5 가 50% 5 ml
 5 mg 가 5 가 50 ml가
 10

(3)

10 ml 20 mg 가 5 5
 25 ml 300 mg 가 5 5 가 50% 5ml
 5 mg 가 5 가 50 ml가
 10

가

(57)

1.

, ,
(tromethamine)

(calcium disodium edetate)

2.

1 ,

1 ml 0.1 0.2 mg,

1 ml 0.4 1.2 m

g

3.

1 2 ,

1 ml 6 mg,
1 ml 0.6 mg,

50 %,
1 ml 0.1 mg