



Product Information

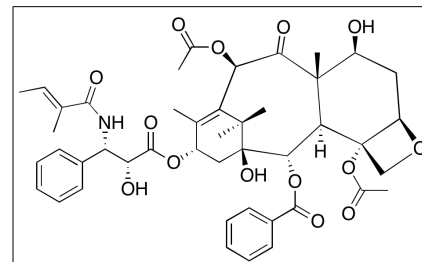
Product ID T0096
CAS No. 71610-00-9
Chemical Name

Synonym Taxol B

Formula $C_{45}H_{53}NO_{14}$
Formula Wt. 831.91
Melting Point
Purity $\geq 98\%$
Solubility Soluble in DMSO.

Store Temp $-20^{\circ}C$
Ship Temp Ambient

Description Cephalomannine is a diterpene found in *Taxus* that exhibits anticancer and nephroprotective activities. Cephalomannine may display anticancer activity through binding of tubulin although current research is limited. This compound suppresses cell growth of neuroblastoma and glioblastoma cells and inhibits activity of DNA polymerase. In animal models of polycystic kidney disease, cephalomannine promotes microtubule assembly and increases survival rates. TEST!!!!!!



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
T0096	5 mg	\$254.70
T0096	10 mg	\$404.70
T0096	25 mg	\$899.00

References Li Y, Qin F, Wang SM, et al. Chemical studies on *Taxus canadensis*. *Chem Biodivers*. 2013 Oct;10(10):1729-53. PMID: 24130020.

Oshige M, Takenouchi M, Kato Y, et al. Taxol derivatives are selective inhibitors of DNA polymerase alpha. *Bioorg Med Chem*. 2004 May 15;12(10):2597-601. PMID: 15110841.

Woo DD, Tabancay AP Jr, Wang CJ. Microtubule active taxanes inhibit polycystic kidney disease progression in cpk mice. *Kidney Int*. 1997 May;51(5):1613-8. PMID: 9150481.

Helson L. Cephalomannine and 10-deacetyltaxol cytotoxicity in human glial and neuroblastoma cell-lines. *Int J Oncol*. 1993 Feb;2(2):297-9. PMID: 21573554.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.