



LKT Laboratories, Inc.

2",3"-Dihydrocephalomannine

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Product Information

Product ID T0116

CAS No.

Chemical Name

Synonym sec-Butyl Analog of Paclitaxel

Formula $C_{45}H_{55}NO_{14}$

Formula Wt. 833.92

Melting Point

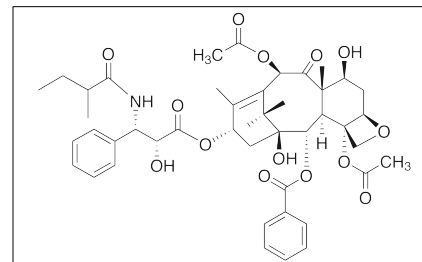
Purity $\geq 90\%$

Solubility

Store Temp -20°C

Ship Temp Ambient

Description This compound is a derivative of cephalomannine, found in species of *Taxus*. Like other taxanes, this compound may inhibit DNA polymerase and microtubule depolymerization, exhibiting anticancer activity. TEST!!!!!!



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
T0116	5 mg	\$713.40
T0116	10 mg	\$1222.70
T0116	25 mg	\$2036.60

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.

Pandey RC, Yankov LK, Poulev A, et al. Synthesis and separation of potential anticancer active dihalocephalomannine diastereomers from extracts of *Taxus yunnanensis*. J Nat Prod. 1998 Jan;61(1):57-63. PMID: 9461653.

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