



## Product Information

Product ID T0118

CAS No.

Chemical Name

Synonym

Formula  $C_{45}H_{53}NO_{14}$

Formula Wt. 831.9

Melting Point

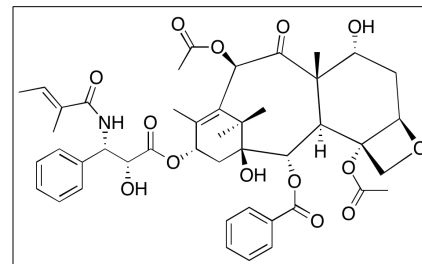
Purity  $\geq 95\%$

Solubility

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

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.



**Bulk quantities available upon request**

Product ID	Size
T0118	5 mg
T0118	10 mg
T0118	25 mg

**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.