

Product Data Sheet

Product Name: Paclitaxel C

Cat. No.: GC49404

Chemical Properties

Cas. No. 153415-45-3

SMILES C[C@]1(C([C@@H](C2=C(C)[C@@H](OC([C@H](O)[C@H](C3=CC=CC=C3)NC(CCC(C)=O)=O)C[C@]4(O)C2(C)C)OC(C)=O)=O)[C@@]([C@@H]4OC(C5=CC=CC=C5)=O)([H])[C@@]([C@@]6([H])C[C@@H]1O)(CO6)OC(C)=O

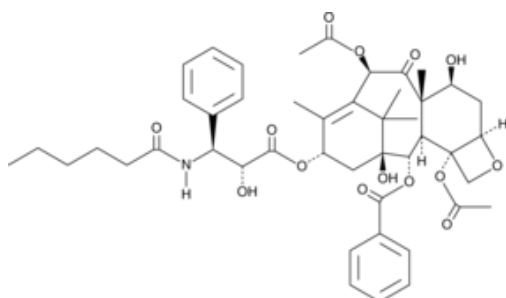
Formula C₄₆H₅₇NO₁₄ M.Wt 847.9

Solubility Methanol: soluble Storage -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

Paclitaxel C is a taxoid and derivative of paclitaxel that has been found in *T. cuspidata* and an inhibitor of microtubule depolymerization.¹ It inhibits calcium-induced microtubule depolymerization *in vitro* when used at a concentration of 10 μM.

1. Kobayashi, J., Hosoyama, H., Wang, X.-X., et al. Effects of taxoids from *Taxus cuspidata* on microtubule depolymerization and vincristine accumulation in MDR cells. *Bioorg. Med. Chem. Lett.* 7(4)393-398(1997)

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA