



Product Information

Product ID D5709

CAS No. 114977-28-5

Chemical Name (αR,8S)-8-[[[(1,1-Dimethylethoxy)carbonyl]amino]-α-hydroxybenzenepropanoic acid (2aR,4S,4aS,6R,9S,-11S,12S,12aR,12bS)-12b-(acetyloxy)-12(benzoyloxy)-
Synonym N-debenzoyl-N-(tert-butoxycarbonyl)-10-deacetyltaxol, Taxotere

Formula C₄₃H₅₃NO₁₄

Formula Wt. 807.89

Melting Point 186-190°C

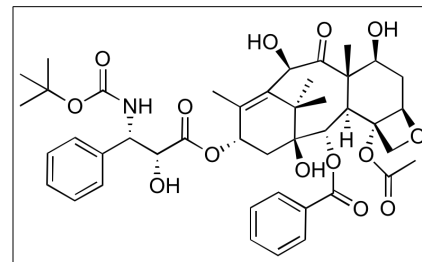
Purity ≥98%

Solubility Soluble in DMSO, ethanol, chloroform, dichloromethane, ethyl acetate, methanol. Insoluble in water

Store Temp -20°C

Ship Temp Ambient

Description Docetaxel is a taxane that exhibits anticancer chemotherapeutic activity. Docetaxel is a semi-synthetic analog of taxol that displays a similar mechanism of action, acting as an antimetabolic by inhibiting microtubule depolymerization.



Bulk quantities available upon request

Product ID	Size
D5709	5 mg
D5709	10 mg
D5709	25 mg
D5709	100 mg

References Lyseng-Williamson KA, Fenton C. Docetaxel: a review of its use in metastatic breast cancer. *Drugs*. 2005;65(17):2513-31. PMID: 16296875.

Eisenhauer EA, Vermorken JB. The taxoids. Comparative clinical pharmacology and therapeutic potential. *Drugs*. 1998 Jan;55(1):5-30. PMID: 9463787.

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