Product ID  D5709
CAS No.  114977-28-5

Chemical Name  (αR,βS)-β-[(1,1-Dimethylethoxy)carbonyl]amino]-α-hydroxybenzene propanoic acid (2αR,4S,4aS,6R,9S,11S,12S,12aR,12bS) 12b-(acetyloxy)-12-(benzoyloxy)-N-debenzoyl-N-(tert-butoxy carbonyl)-10-deacetyltaxol, Taxotere

Formula  C_{43}H_{53}NO_{14}
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 antimitotic by inhibiting microtubule depolymerization.


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