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.

**References**


**Product Information**

**Product ID** D5709
**CAS No.** 114977-28-5

**Chemical Name** \((\alpha R,\beta S)-8-\{[1,1-Dimethylethoxy]carbonyl\}amino\}-\alpha-\text{hydroxybenzenepropanoic acid}\ 2aR,45,4aS,6R,9S,115,12S,12aR,12bS)-12b-(acetyloxy)-12(benzoyloxy)\-\N-debenzylole-N-(tert-butoxycarbonyl)-10-deacctyletyaxol,\ Taxotere

**Formula** C43H53NO 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.

**Pricing and Availability**
Bulk quantities available upon request

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