# Docetaxel

## Ultra-pure; stabilizes microtubules

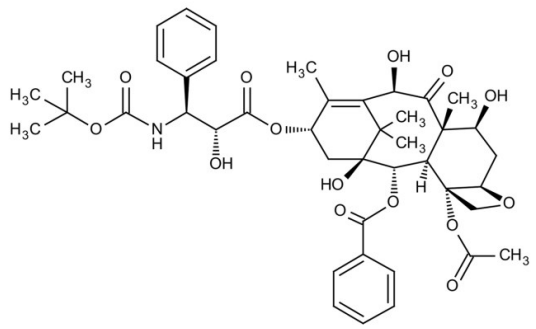
Docetaxel is taxane-type antineoplastic agent structurally similar to taxol. It reversibly binds to polymerized tubulin inhibiting depolymerization. It induces apoptosis in a large number of tumor cells and is a clinically important anticancer agent.

**Citations:** 12 View Online »

## Ordering Information Order Online »

| | |
|---|---|
| **BML-T129-0025** | 25mg |
| **BML-T129-0250** | 250mg |

## Manuals, SDS & CofA View Online »


CH3
H3C
H3C
O
O
N
H
OH
O
H3C
OH
O
CH3
CH3
CH3
OH
HO
H
O
O
O
O
O
CH3
O

## Handling & Storage

| | |
|---|---|
| **Use/Stability** | As indicated on product label or CoA when stored as recommended. |
| **Long Term Storage** | -20°C |
| **Shipping** | Blue Ice |

## Regulatory Status

RUO - Research Use Only

## Product Details

| | |
|---|---|
| **Alternative Name** | Taxotere |
| **Appearance** | White solid. |
| **CAS** | 114977-28-5 |
| **Formula** | $C_{43}H_{53}NO_{14}$ |
| **MW** | 807.9 |
| **Purity** | ≥98% (HPLC) |
| **Solubility** | Soluble in DMSO (25mg/ml) or 100% ethanol (25mg/ml). |

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