

7-xylosyltaxol

Catalog No: tcsc1154



Available Sizes

Size: 5mg

Size: 10mg



Specifications

CAS No:

90332-66-4

Formula:

$C_{52}H_{59}NO_{18}$

Pathway:

Cell Cycle/DNA Damage;Cytoskeleton

Target:

Microtubule/Tubulin;Microtubule/Tubulin

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

7-Xylosylpaclitaxel;Taxol-7-xyloside

Observed Molecular Weight:

986.02

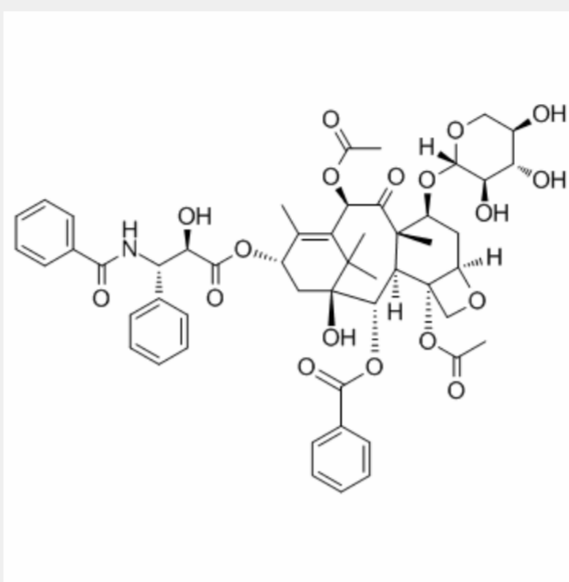
Product Description

7-xylosyltaxol(Taxol-7-xyloside) is a taxol (Paclitaxel) derivative; Paclitaxel binds to tubulin and inhibits the disassembly of microtubules.

IC50 Value:

Target: Microtubule/Tubulin

Paclitaxel is a compound extracted from the Pacific yew tree with antineoplastic activity. Paclitaxel also induces apoptosis by binding to and blocking the function of the apoptosis inhibitor protein Bcl-2 (B-cell Leukemia 2). Paclitaxel inhibits DNA synthesis and stimulates the release of tumor necrosis factor- α . Paclitaxel induces apoptosis in murine mammary carcinoma MCA-4 and ovarian carcinoma OCA-1 tumors.



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