

Cabazitaxel

Catalog No: tcsc0972



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg

Size: 200mg

Size: 500mg



Specifications

CAS No:

183133-96-2

Formula:

$C_{45}H_{57}NO_{14}$

Pathway:

Cell Cycle/DNA Damage;Cytoskeleton;Autophagy

Target:

Microtubule/Tubulin;Microtubule/Tubulin;Autophagy

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 100 mg/mL (119.63 mM)

Alternative Names:

XRP6258;RPR-116258A;taxoid XRP6258

Observed Molecular Weight:

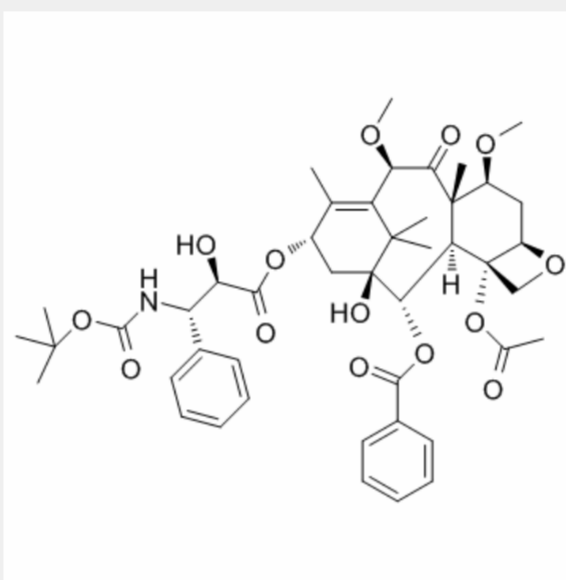
835.93

Product Description

Cabazitaxel is a semi-synthetic derivative of the natural taxoid 10-deacetylbaccatin III with potential antineoplastic activity.

In Vitro: The cytotoxicity of cabazitaxel (100 µg/mL) on 4T1 cells without irradiation is 70.8%. Cabazitaxel (100 µg/mL) exhibits a concentration-dependent antiproliferation effect, with the antiproliferative activity of 56.2%^[1].

In Vivo: Cabazitaxel (10 mg/kg, i.v.) has certain toxicity to liver and kidney but it can be avoided by integrated into Ans. The body weights of mice treated with AN-ICG-CBX and AN-CBX have a slightly decrease, while body weights of the free CBX group significantly decrease compared to the control group^[1].



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