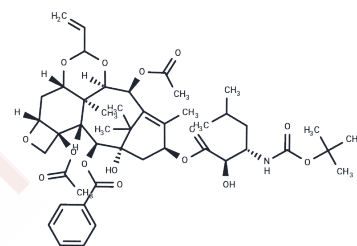


TPI-287

Chemical Properties

CAS No. : 849213-15-6
 Formula: C₄₆H₆₃NO₁₅
 Molecular Weight: 869.99
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	TPI 287 is a synthetic, third generation taxane with potential antineoplastic activity. TPI 287 binds to tubulin and stabilizes microtubules, resulting in inhibition of microtubule assembly/disassembly dynamics, cell cycle arrest at the G2/M phase, and apoptosis.
Targets(IC50)	Others, Microtubule Associated

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1494 mL	5.7472 mL	11.4944 mL
5 mM	0.2299 mL	1.1494 mL	2.2989 mL
10 mM	0.1149 mL	0.5747 mL	1.1494 mL
50 mM	0.023 mL	0.1149 mL	0.2299 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481