

P-gp inhibitor 3

Chemical Properties

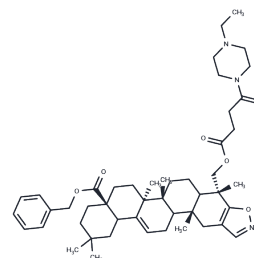
CAS No. :

Formula: C48H67N3O6

Molecular Weight: 782.06

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	P-gp Inhibitor 3, an effective P-glycoprotein (P-gp) inhibitor, activates P-gp ATPase to inhibit P-gp's efflux function. It demonstrates a relatively stronger multidrug resistance (MDR) reversal ability, thereby enhancing the anti-tumor efficacy of Paclitaxel.
Targets(IC50)	Others,P-gp

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2787 mL	6.3934 mL	12.7867 mL
5 mM	0.2557 mL	1.2787 mL	2.5573 mL
10 mM	0.1279 mL	0.6393 mL	1.2787 mL
50 mM	0.0256 mL	0.1279 mL	0.2557 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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