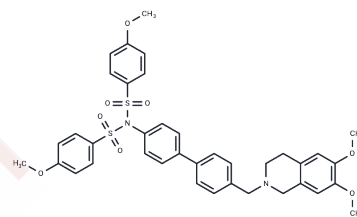


P-gp inhibitor 4

Chemical Properties

CAS No. :	2652001-05-1
Formula:	C ₃₈ H ₃₈ N ₂ O ₈ S ₂
Molecular Weight:	714.85
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 4 is a selective P-glycoprotein modulator with an EC 50 of 94 nM. P-gp inhibitor 4 increases drug transport across gastro-intestinal barrier and recovers doxorubicin toxicity in multidrug resistant cancer cells .
Targets(IC50)	Others,P-gp

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3989 mL	6.9945 mL	13.9889 mL
5 mM	0.2798 mL	1.3989 mL	2.7978 mL
10 mM	0.1399 mL	0.6994 mL	1.3989 mL
50 mM	0.028 mL	0.1399 mL	0.2798 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