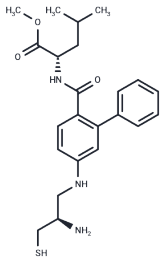
Data Sheet (Cat.No.T62379)

TargetMol

GGTI-286

Chemical Properties



CAS No. : 171744-11-9

Formula: C23H31N3O3S

Molecular Weight: 429.58

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	GGTI-286 is a potent, cell permeable GGTase I inhibitor (IC50: 2 μM). GGTI-286 inhibits Rap1A geranylation in NIH3T3 cells (IC50: 2 μM) more potently than H-Ras farnesylation (IC50>30 μM). Ras4B stimulation (IC50: 1 μM).
Targets(IC50)	Others,Ras

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3279 mL	11.6393 mL	23.2786 mL
5 mM	0.4656 mL	2.3279 mL	4.6557 mL
10 mM	0.2328 mL	1.1639 mL	2.3279 mL
50 mM	0.0466 mL	0.2328 mL	0.4656 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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