

GST-IN-1

Chemical Properties

CAS No. :

Formula: C₂₉H₂₀Cl₂N₆O₃S

Molecular Weight: 603.48

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	GST-IN-1, also known as compound 16, is a potent inhibitor of glutathione S-transferase (GST), exhibiting inhibitory concentration 50 (IC ₅₀) values of 1.55 μM for sjGST and 2.02 μM for hGSTM2.
Targets(IC ₅₀)	Others,GST

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6571 mL	8.2853 mL	16.5706 mL
5 mM	0.3314 mL	1.6571 mL	3.3141 mL
10 mM	0.1657 mL	0.8285 mL	1.6571 mL
50 mM	0.0331 mL	0.1657 mL	0.3314 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