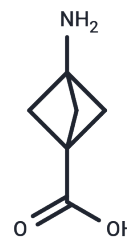


BGT1-IN-1

Chemical Properties

CAS No. : 406947-32-8
 Formula: C₆H₉NO₂
 Molecular Weight: 127.14
 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	BGT1-IN-1 (compound 9) is an effective inhibitor of BGT1, demonstrating IC ₅₀ values of 13.9 μM for hBGT1 and 58.3 μM for GAT3. It exhibits no cytotoxic effects and possesses neuroprotective activity.
Targets(IC ₅₀)	GABA Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.8653 mL	39.3267 mL	78.6535 mL
5 mM	1.5731 mL	7.8653 mL	15.7307 mL
10 mM	0.7865 mL	3.9327 mL	7.8653 mL
50 mM	0.1573 mL	0.7865 mL	1.5731 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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