

SPAA-52

Chemical Properties

CAS No. :

Formula: C₈H₈Br₂N₂O₄S

Molecular Weight: 388.03

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	SPAA-52 is an orally active, competitive and reversible low-molecular-weight protein tyrosine phosphatase (LMW-PTP) inhibitor (IC ₅₀ =4 nM, K _i =1.2 nM). SPAA-52 can be used in diabetes research [1] .
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5771 mL	12.8856 mL	25.7712 mL
5 mM	0.5154 mL	2.5771 mL	5.1542 mL
10 mM	0.2577 mL	1.2886 mL	2.5771 mL
50 mM	0.0515 mL	0.2577 mL	0.5154 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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