

HINT1-IN-1

Chemical Properties

CAS No. :

Formula: C₂₃H₂₄N₈O₅

Molecular Weight: 492.49

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	HINT1-IN-1 (compound 8) is an inhibitor of histidine triad nucleotide-binding protein 1 (HINT1) with a K _i of 1.14 μM. It influences the cross-regulation between μ-opioid receptors (MOR) and NMDA receptors (NMDAR).
Targets(IC50)	Opioid Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0305 mL	10.1525 mL	20.305 mL
5 mM	0.4061 mL	2.0305 mL	4.061 mL
10 mM	0.203 mL	1.0152 mL	2.0305 mL
50 mM	0.0406 mL	0.203 mL	0.4061 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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