

DNMT3A-IN-1

Chemical Properties

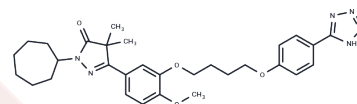
CAS No. : 1403598-56-0

Formula: C₃₀H₃₈N₆O₄

Molecular Weight: 546.66

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	DNMT3A-IN-1 is a selective and potent DNMT3A inhibitor. DNMT3A-IN-1 exhibits inhibitory activity against DNMT3A with a KI ranging from 9.16-18.85 μ M (AdoMet) and 11.37-23.34 μ M (poly dI-dC).
Targets(IC50)	Others,DNA Methyltransferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8293 mL	9.1465 mL	18.2929 mL
5 mM	0.3659 mL	1.8293 mL	3.6586 mL
10 mM	0.1829 mL	0.9146 mL	1.8293 mL
50 mM	0.0366 mL	0.1829 mL	0.3659 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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