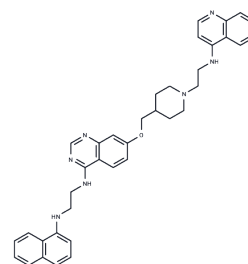


DNMT-IN-3

Chemical Properties

CAS No. :	1683516-27-9
Formula:	C37H39N7O
Molecular Weight:	597.75
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	DNMT-IN-3 is a DNA Methyltransferase (DNMT) inhibitor with an IC50 of 60 nM against Plasmodium falciparum (Plasmodium), demonstrating antimalarial activity and suitability for malaria-related research [1].
Targets(IC50)	Parasite,DNA Methyltransferase
In vitro	DNMT-IN-3 (Compound 70) (30 μM, 1 小时) stabilizes the EIF3i protein in parasite protein extracts during cellular thermal shift assay (CETSA) from 40 °C to 52 °C [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6729 mL	8.3647 mL	16.7294 mL
5 mM	0.3346 mL	1.6729 mL	3.3459 mL
10 mM	0.1673 mL	0.8365 mL	1.6729 mL
50 mM	0.0335 mL	0.1673 mL	0.3346 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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481