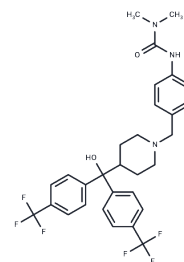


DCG066

Chemical Properties

CAS No. : 494786-13-9
 Formula: C30H31F6N3O2
 Molecular Weight: 579.58
 Storage: Keep away from moisture, Store at low temperature
 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	DCG066 is an inhibitor of lysine methyltransferase G9a with anticancer activity. DCG066 inhibits the proliferation of MM cells and induces iron death through the Nrf2/HO-1 pathway and can be used in the study of leukemias.
Targets(IC50)	Apoptosis, Histone Methyltransferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7254 mL	8.6269 mL	17.2539 mL
5 mM	0.3451 mL	1.7254 mL	3.4508 mL
10 mM	0.1725 mL	0.8627 mL	1.7254 mL
50 mM	0.0345 mL	0.1725 mL	0.3451 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.

Reference

Kondengaden SM, et al. Discovery of novel small molecule inhibitors of lysine methyltransferase G9a and their mechanism in leukemia cell lines. Eur J Med Chem. 2016 Oct 21;122:382-393.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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