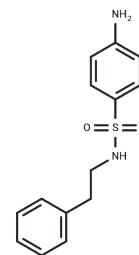


C-7280948

Chemical Properties

CAS No. : 587850-67-7
 Formula: C₁₄H₁₆N₂O₂S
 Molecular Weight: 276.35
 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	C-7280948 is a PRMT1 inhibitor.
Targets(IC50)	Histone Methyltransferase

Solubility Information

Solubility	DMSO: 55 mg/mL (199.02 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (7.24 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6186 mL	18.093 mL	36.186 mL
5 mM	0.7237 mL	3.6186 mL	7.2372 mL
10 mM	0.3619 mL	1.8093 mL	3.6186 mL
50 mM	0.0724 mL	0.3619 mL	0.7237 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

Bissinger EM, et al. Bioorg Med Chem. 2011 Jun 15;19(12):3717-3731.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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