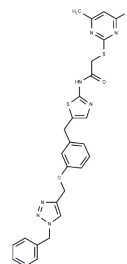


Sirt2-IN-1

Chemical Properties

CAS No. :	1862238-00-3
Formula:	C ₂₈ H ₂₇ N ₇ O ₂ S ₂
Molecular Weight:	557.69
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	Sirt2-IN-1 is an inhibitor of sirtuin 2 (IC ₅₀ = 163 nM).
Targets(IC ₅₀)	Sirtuin

Solubility Information

Solubility	DMSO: 135 mg/mL (242.07 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: 4 mg/mL (7.17 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	1.7931 mL	8.9656 mL	17.9311 mL
5 mM	0.3586 mL	1.7931 mL	3.5862 mL
10 mM	0.1793 mL	0.8966 mL	1.7931 mL
50 mM	0.0359 mL	0.1793 mL	0.3586 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

Schiedel M, et al. Structure-Based Development of an Affinity Probe for Sirtuin 2. Angew Chem Int Ed Engl. 2016 Feb 5;55(6):2252-6.

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