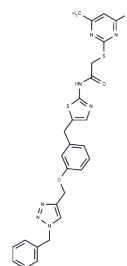


Sirt2-IN-1

Chemical Properties

CAS No. :	1862238-00-3
Formula:	C ₂₈ H ₂₇ N ₇ O ₂ S ₂
Molecular Weight:	557.69
Appearance:	Solid
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



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. 10% DMSO+40% PEG300+5% Tween 80+45% Saline: 4 mg/mL (7.17 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

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.

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.

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