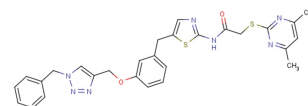


Sirt2-IN-1

Chemical Properties

CAS No.: 1862238-00-3
Formula: C₂₈H₂₇N₇O₂S₂
Molecular Weight: 557.69
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	Sirt2-IN-1 is a inhibitor of sirtuin 2 (Sirt2)(IC ₅₀ of 163 nM).
Targets(IC ₅₀)	SIRT2: 163 nM

Solubility Information

Solubility	DMSO: 150 mg/mL (268.97 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.793 mL	8.966 mL	17.931 mL
5 mM	0.359 mL	1.793 mL	3.586 mL
10 mM	0.179 mL	0.897 mL	1.793 mL
50 mM	0.036 mL	0.179 mL	0.359 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. 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.

Inhibitors · Natural Compounds · Compound Libraries

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