

SIRT1/2/3-IN-1

Chemical Properties

CAS No. : 2413212-06-1
Formula: C₄₆H₆₃N₉O₈S₂
Molecular Weight: 934.18
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	SIRT1/2/3-IN-1 (compound 10) is a potent, selective, and cell-permeable inhibitor targeting SIRT1, SIRT2, and SIRT3, demonstrating inhibitory concentrations (IC ₅₀ s) of 0.54 μM, 0.253 μM, and 0.72 μM, respectively. It is utilized in cancer research [1].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0705 mL	5.3523 mL	10.7046 mL
5 mM	0.2141 mL	1.0705 mL	2.1409 mL
10 mM	0.107 mL	0.5352 mL	1.0705 mL
50 mM	0.0214 mL	0.107 mL	0.2141 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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