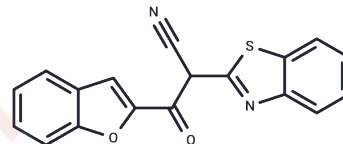


Sirtuin modulator 4

Chemical Properties

CAS No. : 327104-77-8
 Formula: C₁₈H₁₀N₂O₂S
 Molecular Weight: 318.35
 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	Sirtuin Modulator 4, a sirtuin modulator, exhibits an inhibitory effect on SIRT1, presenting an EC 50 value ranging from 51-100 µM. It is potentially useful in research aimed at prolonging cell lifespan and preventing a broad spectrum of diseases and disorders such as diabetes, obesity, neurodegenerative, cardiovascular diseases, inflammation, and cancer.
Targets(IC50)	Others,Sirtuin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1412 mL	15.706 mL	31.412 mL
5 mM	0.6282 mL	3.1412 mL	6.2824 mL
10 mM	0.3141 mL	1.5706 mL	3.1412 mL
50 mM	0.0628 mL	0.3141 mL	0.6282 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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