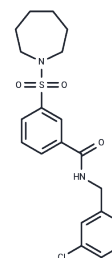


WAY-354574

Chemical Properties

CAS No. : 851873-40-0
 Formula: C₂₀H₂₃ClN₂O₃S
 Molecular Weight: 406.93
 Storage: Keep away from direct sunlight
 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	WAY-354574 is a compound with regulatory activity targeting the Sirtuin (deacetylase) family. It is widely applied in research on the neuropathological mechanisms of Huntington's disease (HD).
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 80 mg/mL (196.59 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4574 mL	12.2871 mL	24.5743 mL
5 mM	0.4915 mL	2.4574 mL	4.9149 mL
10 mM	0.2457 mL	1.2287 mL	2.4574 mL
50 mM	0.0491 mL	0.2457 mL	0.4915 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

Khanfar MA, et al. Development and characterization of 3-(benzylsulfonamido)benzamides as potent and selective SIRT2 inhibitors. Eur J Med Chem. 2014 Apr 9;76:414-26.

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