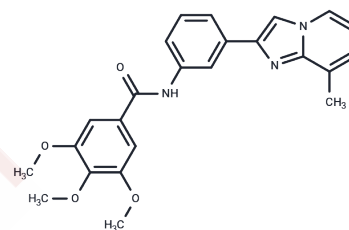


Sirtuin modulator 5

Chemical Properties

CAS No. :	694469-31-3
Formula:	C ₂₄ H ₂₃ N ₃ O ₄
Molecular Weight:	417.46
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 5, a sirtuin modulating agent, activates SIRT1 with an efficacy marked by a DC50 value of less than 50 μ M. It is applicable in enhancing cell longevity and is researched for its therapeutic potential in a wide range of diseases such as those associated with aging or stress, diabetes, obesity, neurodegenerative diseases, cardiovascular diseases, blood clotting disorders, inflammation, cancer, and flushing. Furthermore, it holds promise for conditions that could benefit from boosted mitochondrial activity [1].
Targets(IC50)	Others,Sirtuin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3954 mL	11.9772 mL	23.9544 mL
5 mM	0.4791 mL	2.3954 mL	4.7909 mL
10 mM	0.2395 mL	1.1977 mL	2.3954 mL
50 mM	0.0479 mL	0.2395 mL	0.4791 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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