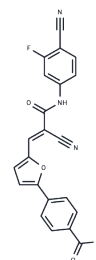


SIRT5 inhibitor 3

Chemical Properties

CAS No. :	2128651-12-5
Formula:	C ₂₂ H ₁₂ FN ₃ O ₄
Molecular Weight:	401.35
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	SIRT5 inhibitor 3 is a potent and competitive SIRT5 inhibitor that acts by inhibiting SIRT5 deacetylation, with potential applications in metabolic regulation, cancer therapy, neurodegenerative disorders, cardiovascular disease, and other diseases.
Targets(IC50)	Sirtuin

Solubility Information

Solubility	DMSO: 20 mg/mL (49.83 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4916 mL	12.458 mL	24.9159 mL
5 mM	0.4983 mL	2.4916 mL	4.9832 mL
10 mM	0.2492 mL	1.2458 mL	2.4916 mL
50 mM	0.0498 mL	0.2492 mL	0.4983 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

Wang Y, et al. Overview of SIRT5 as a potential therapeutic target: Structure, function and inhibitors. Eur J Med Chem. 2022;236:114363.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481