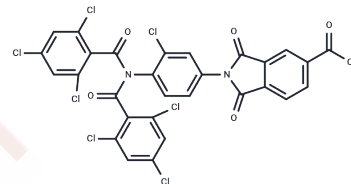


CL5D

Chemical Properties

CAS No. : 2488745-53-3
 Formula: C₂₉H₁₁Cl₇N₂O₆
 Molecular Weight: 731.58
 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	CL5D is an activator of the protein deacetylase SIRT6. It significantly enhances the deacetylase activity and catalytic efficiency of SIRT6. CL5D modulates SIRT6 activity by promoting its conformational changes, particularly relying on the Arg-65 residue. This compound can be used to study the activation mechanism of SIRT6 and its roles in metabolism, DNA repair, and aging.
Targets(IC50)	Sirtuin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3669 mL	6.8345 mL	13.669 mL
5 mM	0.2734 mL	1.3669 mL	2.7338 mL
10 mM	0.1367 mL	0.6835 mL	1.3669 mL
50 mM	0.0273 mL	0.1367 mL	0.2734 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

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