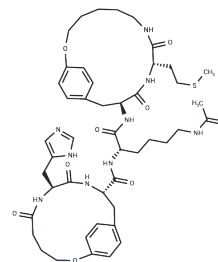


SIRT1/2/3-IN-1

## Chemical Properties

CAS No. : 2413212-06-1  
 Formula: C<sub>46</sub>H<sub>63</sub>N<sub>9</sub>O<sub>8</sub>S<sub>2</sub>  
 Molecular Weight: 934.18  
 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	SIRT1/2/3-IN-1 (compound 10) is a potent, selective, and cell-permeable inhibitor targeting SIRT1, SIRT2, and SIRT3, with inhibitory concentrations (IC <sub>50</sub> s) of 0.54 μM, 0.253 μM, and 0.72 μM, respectively. It is utilized in cancer research [1].
Targets(IC <sub>50</sub> )	Others,Sirtuin

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0705 mL	5.3523 mL	10.7046 mL
5 mM	0.2141 mL	1.0705 mL	2.1409 mL
10 mM	0.107 mL	0.5352 mL	1.0705 mL
50 mM	0.0214 mL	0.107 mL	0.2141 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