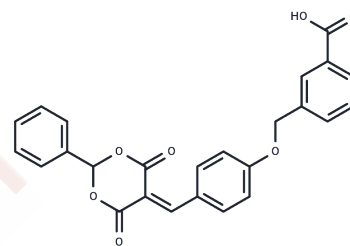


SIRT1-IN-4

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 445405-18-5 |
| Formula: | C ₂₅ H ₁₈ O ₇ |
| Molecular Weight: | 430.406 |
| 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-IN-4 (Compound 8c) is an inhibitor of SIRT1, with an IC ₅₀ value of 10.04 μM. It is applicable for cancer research. |
| Targets(IC ₅₀) | Sirtuin |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.3234 mL | 11.6168 mL | 23.2337 mL |
| 5 mM | 0.4647 mL | 2.3234 mL | 4.6467 mL |
| 10 mM | 0.2323 mL | 1.1617 mL | 2.3234 mL |
| 50 mM | 0.0465 mL | 0.2323 mL | 0.4647 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