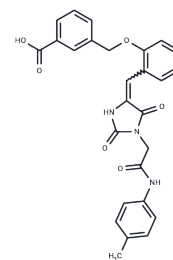


WRN inhibitor 7

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 444780-45-4 |
| Formula: | C ₂₇ H ₂₃ N ₃ O ₆ |
| Molecular Weight: | 485.49 |
| 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 | WRN inhibitor 7 (Compound h6), a potent inhibitor of Werner syndrome helicase, demonstrates effective suppression of WRN's helicase and ATPase activities with IC ₅₀ values of 9.8 μM and 15.8 μM, respectively. This compound is utilized in the study of microsatellite instable (MSI) cancers [1]. |
| Targets(IC ₅₀) | DNA/RNA Synthesis |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.0598 mL | 10.2989 mL | 20.5977 mL |
| 5 mM | 0.412 mL | 2.0598 mL | 4.1195 mL |
| 10 mM | 0.206 mL | 1.0299 mL | 2.0598 mL |
| 50 mM | 0.0412 mL | 0.206 mL | 0.412 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