

U7D-1

## Chemical Properties

CAS No. :

Formula: C53H65N9O7

Molecular Weight: 940.14

Keep away from direct sunlight

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   | U7D-1, a groundbreaking and selective ubiquitin-specific protease 7 (USP7) PROTAC degrader, exhibits a DC50 value of 33 nM in RS4;11 cells, demonstrating its potent anticancer properties. Furthermore, U7D-1 effectively induces apoptosis in Jeko-1 cells [1]. |
| Targets(IC50) | Apoptosis,DUB,PROTACs,MDM-2/p53   |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.0637 mL | 5.3184 mL | 10.6367 mL |
| 5 mM  | 0.2127 mL | 1.0637 mL | 2.1273 mL  |
| 10 mM | 0.1064 mL | 0.5318 mL | 1.0637 mL  |
| 50 mM | 0.0213 mL | 0.1064 mL | 0.2127 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