

## PROTAC EED degrader-1

## Chemical Properties

CAS No. :

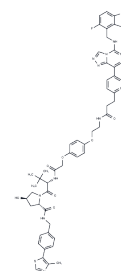
Formula: C55H60FN11O8S

Molecular Weight: 1054.2

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   | PROTAC EED degrader-1, a PROTAC targeting EED (pKD = 9.02), is an inhibitor of polycomb repressive complex 2 (PRC2) with a pIC50 of 8.17.                                        |
| Targets(IC50) | Histone Methyltransferase, PROTACs                                                                                                                                               |
| In vitro      | PROTAC EED degrader-1 binds to EED (pKD of 9.02±0.09) and inhibits PRC2 function (pIC50 of 8.17±0.24), and inhibit proliferation of an EZH2 mutant DLBCL cell line Karpas422[1]. |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 0.9486 mL | 4.7429 mL | 9.4859 mL |
| 5 mM  | 0.1897 mL | 0.9486 mL | 1.8972 mL |
| 10 mM | 0.0949 mL | 0.4743 mL | 0.9486 mL |
| 50 mM | 0.019 mL  | 0.0949 mL | 0.1897 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.

## Reference

Hsu JH, et al. EED-Targeted PROTACs Degrade EED, EZH2, and SUZ12 in the PRC2 Complex. Cell Chem Biol. 2019 Nov 26. pii: S2451-9456(19)30362-9.

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