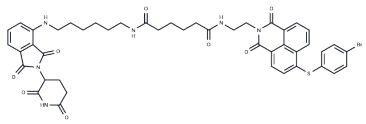
# Data Sheet (Cat.No.T11975)

TargetMol
YOUR TARGET MOLECULES

## PROTAC Mcl1 degrader-1

### Chemical Properties



CAS No. : 2163793-38-0

Formula: C45H45BrN6O8S

Molecular Weight: 909.84

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

### Biological Description

| | |
|---|---|
| Description | PROTAC Mcl1 degrader-1 induces the ubiquitination and proteasomal degradation of Mcl-1 by introducing the E3 ligase cereblon (CRBN)-binding ligand pomalidomide to Mcl-1 inhibitor S1-6 with μM-range affinity. PROTAC Mcl1 degrader-1, a proteolysis targeting chimera (PROTAC), is a potently and selectively Mcl-1 inhibitor with an IC50 of 0.78 μM. |
| Targets(IC50) | BCL,PROTACs |

### Solubility Information

| | |
|---|---|
| Solubility | DMSO: 50 mg/mL (54.95 mM),Sonication is recommended.<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|---|---|---|---|
| 1 mM | 1.0991 mL | 5.4955 mL | 10.9909 mL |
| 5 mM | 0.2198 mL | 1.0991 mL | 2.1982 mL |
| 10 mM | 0.1099 mL | 0.5495 mL | 1.0991 mL |
| 50 mM | 0.022 mL | 0.1099 mL | 0.2198 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.

Reference

Wang Z, et al. Proteolysis Targeting Chimeras for the Selective Degradation of Mcl-1/Bcl-2 Derived from Nonselective Target Binding Ligands. J Med Chem. 2019 Aug 21.



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