

## E3 ligase Ligand 18

## Chemical Properties

CAS No. : 2241669-88-3

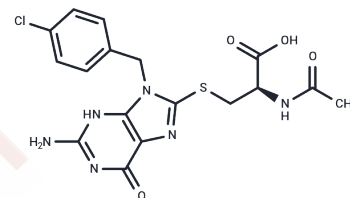
Formula: C<sub>17</sub>H<sub>17</sub>ClN<sub>6</sub>O<sub>4</sub>S

Molecular Weight: 436.87

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   | E3 ligase Ligand 18 is a small molecule ligand that specifically binds to E3 ubiquitin ligase, and E3 ligase Ligand 18 can be chemically linked to a protein-targeting ligand through a molecular linker to construct proteolysis-targeting chimeras (PROTACs), which subsequently induce ubiquitination-mediated degradation of disease-related proteins such as oncogenic factors, thereby supporting the study of targeted protein degradation in cancer biology. |
| Targets(IC50) | Ligands for E3 Ligase  |

## Solubility Information

|            |  |
|------------|--|
| Solubility | DMSO: 20 mg/mL (45.78 mM), Sonication is recommended.<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.289 mL  | 11.4451 mL | 22.8901 mL |
| 5 mM  | 0.4578 mL | 2.289 mL   | 4.578 mL   |
| 10 mM | 0.2289 mL | 1.1445 mL  | 2.289 mL   |
| 50 mM | 0.0458 mL | 0.2289 mL  | 0.4578 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

Heterocyclic compound. WO2018143403A1.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481