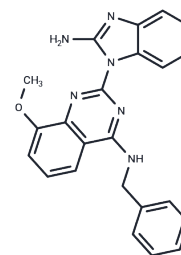


ML240

## Chemical Properties

CAS No. : 1346527-98-7  
Formula: C<sub>23</sub>H<sub>20</sub>N<sub>6</sub>O  
Molecular Weight: 396.44  
Appearance: no data available  
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

|               |                                                      |
|---------------|------------------------------------------------------|
| Description   | ML240 is a selective, ATP-competitive p97 inhibitor. |
| Targets(IC50) | p97                                                  |

## Solubility Information

|            |                                                                                                   |
|------------|---------------------------------------------------------------------------------------------------|
| Solubility | DMSO: 50 mg/mL (126.12 mM),<br>( $< 1$ mg/mL refers to the product slightly soluble or insoluble) |
|------------|---------------------------------------------------------------------------------------------------|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.5224 mL | 12.6122 mL | 25.2245 mL |
| 5 mM  | 0.5045 mL | 2.5224 mL  | 5.0449 mL  |
| 10 mM | 0.2522 mL | 1.2612 mL  | 2.5224 mL  |
| 50 mM | 0.0504 mL | 0.2522 mL  | 0.5045 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

Tsui-Fen Chou et al. Specific Inhibition of p97/VCP ATPase and Kinetic Analysis Demonstrate Interaction between D1 and D2 ATPase domains.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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