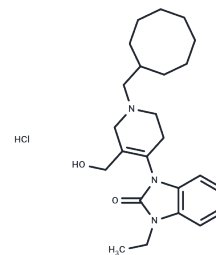


## Trap-101 hydrochloride

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 1216621-00-9  |
| Formula:          | C <sub>24</sub> H <sub>36</sub> ClN <sub>3</sub> O <sub>2</sub>   |
| Molecular Weight: | 434.02  |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|               |  |
|---------------|--|
| Description   | nociceptin/orphanin FQ (NOP) receptor antagonist |
| Targets(IC50) | Others,Opioid Receptor                           |

## Solubility Information

|            |  |
|------------|--|
| Solubility | DMSO: <21.7 mg/mL, Sonication is recommended.<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.304 mL  | 11.5202 mL | 23.0404 mL |
| 5 mM  | 0.4608 mL | 2.304 mL   | 4.6081 mL  |
| 10 mM | 0.2304 mL | 1.152 mL   | 2.304 mL   |
| 50 mM | 0.0461 mL | 0.2304 mL  | 0.4608 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

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