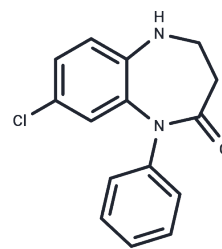


## Lofendazam

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 29176-29-2  |
| Formula:          | C <sub>15</sub> H <sub>13</sub> ClN <sub>2</sub> O  |
| Molecular Weight: | 272.73  |
| 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   | Lofendazam (Bu 1014) is a benzodiazepine derivative that has sedative and anxiolytic effects. |
| Targets(IC50) | Others  |

## Solubility Information

|            |  |
|------------|--|
| Solubility | DMSO: 45 mg/mL (165 mM), Sonication is recommended.<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 3.6666 mL | 18.3332 mL | 36.6663 mL |
| 5 mM  | 0.7333 mL | 3.6666 mL  | 7.3333 mL  |
| 10 mM | 0.3667 mL | 1.8333 mL  | 3.6666 mL  |
| 50 mM | 0.0733 mL | 0.3667 mL  | 0.7333 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

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