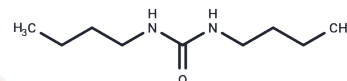


## Dibutylurea

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 1792-17-2   |
| Formula:          | C <sub>9</sub> H <sub>20</sub> N <sub>2</sub> O   |
| Molecular Weight: | 172.27  |
| 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   | Dibutylurea is used as pharmaceutical intermediates. |
| Targets(IC50) | Others   |

## Solubility Information

|            |   |
|------------|---|
| Solubility | DMSO: 55 mg/mL (319.27 mM), Sonication is recommended.<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 5.8048 mL | 29.0242 mL | 58.0484 mL |
| 5 mM  | 1.161 mL  | 5.8048 mL  | 11.6097 mL |
| 10 mM | 0.5805 mL | 2.9024 mL  | 5.8048 mL  |
| 50 mM | 0.1161 mL | 0.5805 mL  | 1.161 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

Bischoff M, et al. Biodegradation. 2005 Jun;16(3):265-73.

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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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