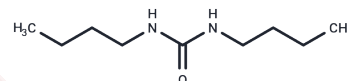


Dibutylurea

Chemical Properties

| | |
|-------------------|----------------------------------------------------------|
| CAS No. : | 1792-17-2 |
| Formula: | C ₉ H ₂₀ N ₂ O |
| Molecular Weight: | 172.27 |
| Appearance: | no data available |
| Storage: | Powder: -20°C for 3 years In solvent: -80°C for 1 year |



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. (< 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.

Reference

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

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