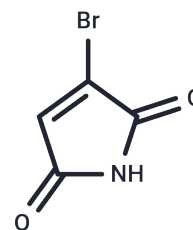


3-bromopyrrole-2,5-dione

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 98026-79-0 |
| Formula: | C ₄ H ₂ BrNO ₂ |
| Molecular Weight: | 175.97 |
| Storage: | Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA. |



Biological Description

| | |
|---------------|--|
| Description | 3-bromopyrrole-2,5-dione (ZINC13379821) is a marine derived natural products found in marine sponge Axinella brevistyla. |
| Targets(IC50) | Others,Antibacterial |

Solubility Information

| | |
|------------|--|
| Solubility | DMSO: 55 mg/mL (312.55 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 5.6828 mL | 28.4139 mL | 56.8279 mL |
| 5 mM | 1.1366 mL | 5.6828 mL | 11.3656 mL |
| 10 mM | 0.5683 mL | 2.8414 mL | 5.6828 mL |
| 50 mM | 0.1137 mL | 0.5683 mL | 1.1366 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

Tsukamoto S, et al. Four new bioactive pyrrole-derived alkaloids from the marine sponge Axinella brevistyla. J Nat Prod. 2001 Dec;64(12):1576-8.

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