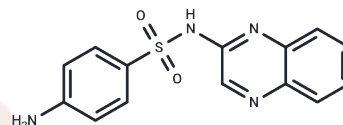


Sulfaquinoxaline

Chemical Properties

CAS No. : 59-40-5
 Formula: C₁₄H₁₂N₄O₂S
 Molecular Weight: 300.34
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

| | |
|---------------|---|
| Description | Sulfaquinoxaline (Sulfabenzpyrazine) is an antiprotozoal agent. |
| Targets(IC50) | Antibacterial,Antibiotic,Parasite |

Solubility Information

| | |
|------------|--|
| Solubility | H2O: 7.5 mg/L,Sonication is recommended. DMSO: 60 mg/mL (199.77 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.3296 mL | 16.6478 mL | 33.2956 mL |
| 5 mM | 0.6659 mL | 3.3296 mL | 6.6591 mL |
| 10 mM | 0.333 mL | 1.6648 mL | 3.3296 mL |
| 50 mM | 0.0666 mL | 0.333 mL | 0.6659 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

Guo Y, et al.Anal Chem. 2010 Sep 15;82(18):7550-5.

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