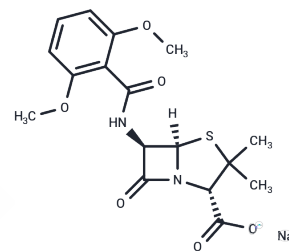


Methicillin sodium salt

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 132-92-3 |
| Formula: | C ₁₇ H ₁₉ N ₂ NaO ₆ S |
| Molecular Weight: | 402.4 |
| Appearance: | no data available |
| Storage: | keep away from direct sunlight,keep away from moisture |
| | Powder: -20°C for 3 years In solvent: -80°C for 1 year |



Biological Description

| | |
|---------------|---|
| Description | Methicillin sodium salt is the sodium salt form of methicillin, a semisynthetic beta-lactam penicillin antibiotic with beta-lactamase resistant activity. |
| Targets(IC50) | Antibacterial,Antibiotic |

Solubility Information

| | |
|------------|--|
| Solubility | DMSO: 50 mg/mL (124.25 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.4851 mL | 12.4254 mL | 24.8509 mL |
| 5 mM | 0.497 mL | 2.4851 mL | 4.9702 mL |
| 10 mM | 0.2485 mL | 1.2425 mL | 2.4851 mL |
| 50 mM | 0.0497 mL | 0.2485 mL | 0.497 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

Williamson R, et al. Antimicrob Agents ChemOthers. 1980 Oct;18(4):629-37.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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