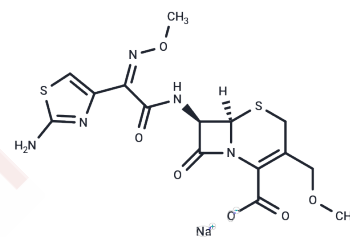


## Cefpodoxime sodium

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 82619-04-3  |
| Formula:          | C <sub>15</sub> H <sub>16</sub> N <sub>5</sub> NaO <sub>6</sub> S <sub>2</sub>                                      |
| Molecular Weight: | 449.44  |
| 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   | Cefpodoxime sodium is a third generation cephalosporin antibiotic agent. It targets gram-positive and gram-negative bacteria, especially those responsible for otitis media and pharyngitis. |
| Targets(IC50) | Others   |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 2.225 mL  | 11.125 mL | 22.2499 mL |
| 5 mM  | 0.445 mL  | 2.225 mL  | 4.450 mL   |
| 10 mM | 0.2225 mL | 1.1125 mL | 2.225 mL   |
| 50 mM | 0.0445 mL | 0.2225 mL | 0.445 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

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