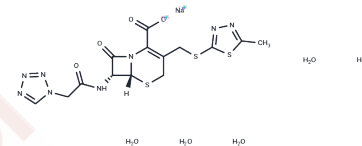


## Cefazolin sodium pentahydrate

## Chemical Properties

CAS No. :	115850-11-8
Formula:	C <sub>14</sub> H <sub>23</sub> N <sub>8</sub> NaO <sub>9</sub> S <sub>3</sub>
Molecular Weight:	566.57
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	Cefazolin sodium pentahydrate, a first-generation cephalosporin antibiotic, is employed in diverse bacterial infection research [1] and exhibits an anti-inflammatory effect capable of attenuating post-operative cognitive dysfunction (POCD) [2].
Targets(IC50)	Others,Antibacterial,Antibiotic

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.765 mL	8.825 mL	17.6501 mL
5 mM	0.353 mL	1.765 mL	3.530 mL
10 mM	0.1765 mL	0.8825 mL	1.765 mL
50 mM	0.0353 mL	0.1765 mL	0.353 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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