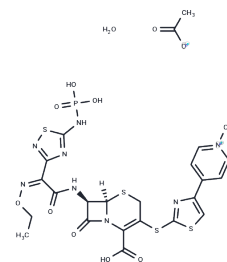


Ceftaroline fosamil (hydrate)(acetate)

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 400827-55-6 |
| Formula: | C ₂₄ H ₂₇ N ₈ O ₁₁ PS ₄ |
| Molecular Weight: | 762.75 |
| 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 | Ceftaroline fosamil hydrate acetate is a powerful cephalosporin antibiotic that exhibits broad-spectrum efficacy against both Gram-positive pathogens, such as methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) and multidrug-resistant <i>Streptococcus pneumoniae</i> , and common Gram-negative bacteria. It possesses anti-infective properties suitable for studying complicated skin and skin structure infections (cSSSIs) and community-acquired bacterial pneumonia (CABP) [1] [2] [3]. |
| Targets(IC50) | Others, Antibacterial, Antibiotic |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.311 mL | 6.5552 mL | 13.1105 mL |
| 5 mM | 0.2622 mL | 1.311 mL | 2.6221 mL |
| 10 mM | 0.1311 mL | 0.6555 mL | 1.311 mL |
| 50 mM | 0.0262 mL | 0.1311 mL | 0.2622 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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