

Biapenem

Catalog No: tcsc2071



Available Sizes

Size: 10mg

Size: 50mg



Specifications

CAS No:

120410-24-4

Formula:

$C_{15}H_{18}N_4O_4S$

Pathway:

Anti-infection

Target:

Bacterial

Purity / Grade:

>98%

Solubility:

H₂O : 20 mg/mL (57.08 mM; Need ultrasonic)

Alternative Names:

CLI 86815;L 627;LJC 10627

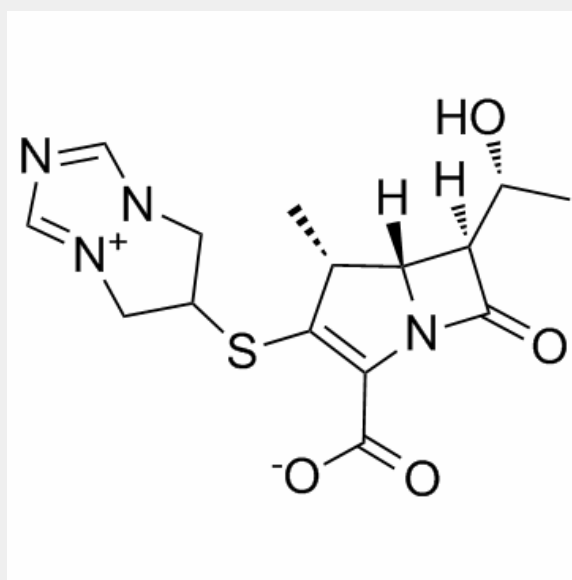
Observed Molecular Weight:

350.39

Product Description

Biapenem (CLI 86815) a parenteral carbapenem antibacterial agent with a broad spectrum.

In Vitro: Biapenem (CLI 86815) is a carbapenem antibiotic of in vitro antibacterial activity encompassing many Gram-negative and Gram-positive aerobic and anaerobic bacteria, including species producing β -lactamases. Biapenem (CLI 86815) is more stable than imipenem, meropenem and panipenem to hydrolysis by human renal dihydropeptidase-I (DHP-I), and therefore does not require the coadministration of a DHP-I inhibitor. In randomised, nonblind or double-blind clinical trials, biapenem showed good clinical and bacteriological efficacy (similar to that of imipenem/ cilastatin) in the treatment of adult patients with intra-abdominal infections, lower respiratory infections or complicated urinary tract infections.



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