

Product Data Sheet

Product Name: Ceftolozane

Cat. No.: GC71542

Chemical Properties

Cas. No. 689293-68-3

Formula $C_{23}H_{30}N_{12}O_8S_2$ M.Wt 666.69

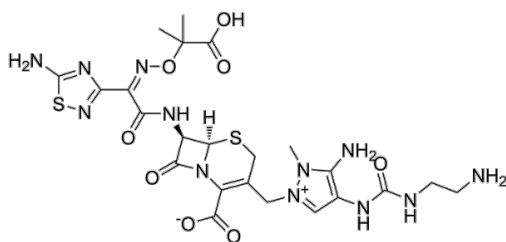
Solubility DMSO : 24 mg/mL (36.00 mM);
ultrasonic and adjust pH to 2 with
HCl; Hygroscopic DMSO has a
significant impact on the solubility of
product, please use newly opened
DMSO)

Storage -20°C

General For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the
tips ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with RT , or
Condition blue ice upon request.

Structure



Caution: Product has not been fully validated for medical applications. For research use only.

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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Background

Ceftolozane (CXA-101 free base; FR264205 free base) is a cephalosporin antibiotic with potent activity against *Pseudomonas aeruginosa* and strains Enterobacteriaceae, with MICs of 0.5 and 0.25-0.5 mg/L.

Ceftolozane (25 mg/kg) reveals a pharmacokinetic profile with a half-time of 11.6 min and a clearance of 25.2 µg/mL in infected neutropenic mice^[1].

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