

Ceftaroline fosamil inner salt Biochemical

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CATALOG #
AAA228295

PRODUCT SYNONYMS

Ceftaroline fosamil inner salt; Ceftaroline fosamil inner salt biochemical

PRODUCT SPECIFICATIONS

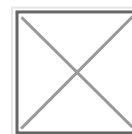
Purity/Purification	98%
CAS	229016-73-3
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	Ceftaroline fosamil inner salt (s.c.) shows protective effects against experimental systemic infection caused by <i>S. aureus</i> N133 in mice, with ED 50 s of 1.60-2.37 mg/kg[1]. Ceftaroline fosamil inner salt (10 mg/kg; s.c.) disappears rapidly and converts smoothly into T-91825 in blood of rats and monkeys[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure

Antitubercular agent-10, CAS 2679830-78-3



Structure

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ADDITIONAL INFORMATION

Related Product Information for Ceftaroline fosamil inner salt biochemical	Ceftaroline fosamil (TAK-599) inner salt, a cephalosporin derivative, is an N-phosphono prodrug of anti-methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) T-91825. Ceftaroline fosamil inner salt can be used for the research of MRSA infection.
References	1. Fan D, et al. Structural and Activity Relationships of 6-Sulfonyl-8-Nitrobenzothiazinones as Antitubercular Agents. <i>J Med Chem.</i> 2021 Oct 14;64(19):14526-14539.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.