

Product Datasheet

Ceftaroline fosamil (orb1220079)

Catalog Number	orb1220079
Category	Small Molecules
Description	Ceftaroline fosamil is a cephalosporin, with activity against Gram-positive pathogens. Ceftaroline fosamil 600 mg given every 12 h was superior to ceftriaxone 2 g given every 24 h for the treatment of Asian patients with PORT III-IV community-acquired pneumonia. These data suggest that ceftaroline fosamil should be regarded as an alternative to ceftriaxone in empirical treatment regimens for this patient population.
Target	Antibacterial
Purity	>98% (HPLC)
MW	744.74
Target Areas	Bacterial Antibiotic
Solubility (25°C)	DMSO:14 mg/mL (32.22 mM; Need ultrasonic and warming)
CAS Number	400827-46-5
Formula	$C_{24}H_{25}N_8O_{10}PS_4$
SMILES	<chem>CCON=C(C1=NSC(=N1)NP(=O)(O)O)C(=O)NC2C3N(C2=O)C(=C(CS3)SC4=NC(=CS4)C5=CC=[N+](C=C5)C)C(=O)O.CC(=O)[O-]</chem>
Storage	Storage temperature: -20°C. Stability: ≥ 2 years
Note	For research use only
Expiration Date	12 months from date of receipt.

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com
Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713-2847
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558