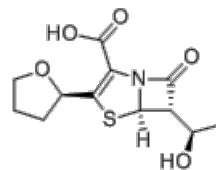


Product Name	: Faropenem
Synonyms	: —
Cat No.	: M10283
CAS Number	: 106560-14-9
Molecular Formula	: C ₁₂ H ₁₅ NO ₅ S
Formula Weight	: 285.32
Chemical Name	: (5R,6S)-6-[(1R)-1-Hydroxyethyl]-7-oxo-3-[(2R)-tetrahydro-2-furanyl]-4-thia-1-azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid
Description	Faropenem is an orally active beta-lactam antibiotic with broad-spectrum antibacterial activity against many gram-positive and gram-negative aerobes and anaerobes; has improved chemical stability and reduced central nervous system effects compared with imipenem. Bacterial Infection Launched
Pathway	: GPCR/G Protein
Target	: Antibacterial
Receptor	: Antibacterial
Solubility	: —
SMILES	: <chem>CC(C1C2N(C1=O)C(=C(S2)C3CCCCO3)C(=O)O)O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Sato K, et al. J Antimicrob Chemother. 1999 Sep;44(3):337-41. | 2. Hikida M, et al. Antimicrob Agents Chemother. 1999 Aug;43(8):2010-6. | 3. Critchley IA, et al. Antimicrob Agents Chemother. 2002 Feb;46(2):550-5.