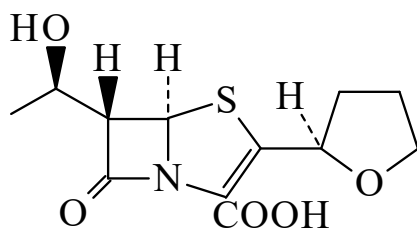




>>Entry Name: Fropenem, INN

Synonym(s): 6-(1-Hydroxyethyl)-7-oxo-3-(tetrahydro-2-furanyl)-4-thia-1-azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid. Faropenem. Fuopenem. ALP 201. SUN 5555



CAS Registry Number: 106560-14-9

Related CAS Registry Numbers(s): 106560-13-8 122547-49-3 132950-27-7 132950-28-8 158365-51-6

Molecular Formula: C₁₂H₁₅NO₅S

Molecular Weight: 285.32

Accurate Mass: 285.067094

Percentage Composition: C 50.52%; H 5.30%; N 4.91%; O 28.04%; S 11.24%

Biological Use/Importance: Antibacterial agent

Physical Description: No phys. props. reported

References:

- Ishiguro, M. *et al.*, *J. Antibiot.*, 1988, **41**, 1685; 1989, **42**, 977; 1990, **43**, 1608, (*synth, isomers, activity*)
Nord, C.E. *et al.*, *Antimicrob. Agents Chemother.*, 1989, **33**, 2137, (*activity*)
Eur. Pat., 1991, *Suntory*, 410 727; *CA*, **115**, 28982, (*synth*)
Hikida, M. *et al.*, *Arzneim.-Forsch.*, 1993, **43**, 71, (*pharmacol*)
Oyama, Y. *et al.*, *Acta Cryst. C*, 1994, **50**, 1254, (*cryst struct*)
Cormican, M.G. *et al.*, *J. Antimicrob. Chemother.*, 1995, **35**, 535, (*activity*)