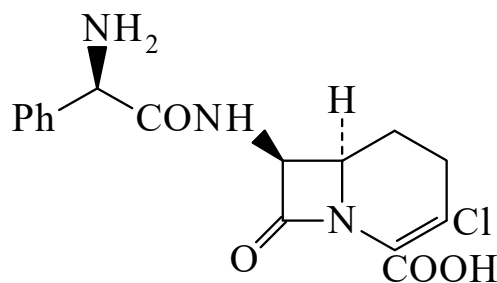




>>Entry Name: Loracarbef, BAN, INN, USAN

Synonym(s): 7-[(Aminophenylacetyl)amino]-3-chloro-8-oxo-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid, 9Cl. LY 163892. KT 3777. Antibiotic LY 163892. Antibiotic KT 3777. Lorabid



CAS Registry Number: 76470-66-1

Related CAS Registry Numbers(s): 121961-22-6

Molecular Formula: C₁₆H₁₆ClN₃O₄

Molecular Weight: 349.773

Accurate Mass: 349.082934

Percentage Composition: C 54.94%; H 4.61%; Cl 10.14%; N 12.01%; O 18.30%

Use/Importance: Antibacterial agent

Physical Description: Cryst. + 1H₂O (H₂O)

Development Status: Launched 1992 (US)

Melting Point: Mp 300°

Optical Rotation: $[\alpha]_D^{21} +34$ (c, 0.35 in H₂O)

Calculated Log P Data: Log P -0.47 (uncertain value) (calc)

References:

- Eur. Pat.*, 1980, 14 476; *CA*, **94**, 121355, (*synth, props*)
Jones, R.N. *et al.*, *Eur. J. Clin. Microbiol.*, 1987, **6**, 570, (*pharmacol*)
Knapp, C.C. *et al.*, *Antimicrob. Agents Chemother.*, 1988, **32**, 131; 268, (*pharmacol*)
Wehman, W.M. *et al.*, *Eur. J. Clin. Microbiol. Infect. Dis.*, 1988, **7**, 434; 549
Cao, C. *et al.*, *J. Antimicrob. Chemother.*, 1988, **22**, 155; 315; 445, (*pharmacol*)
Bodurow, C.C. *et al.*, *Tet. Lett.*, 1989, **30**, 2321, (*synth*)
Brogden, R.N. *et al.*, *Drugs*, 1993, **45**, 716, (*rev*)
McCarthy, J. *et al.*, *Drugs of Today (Barcelona)*, 1995, **31**, 367, (*rev*)