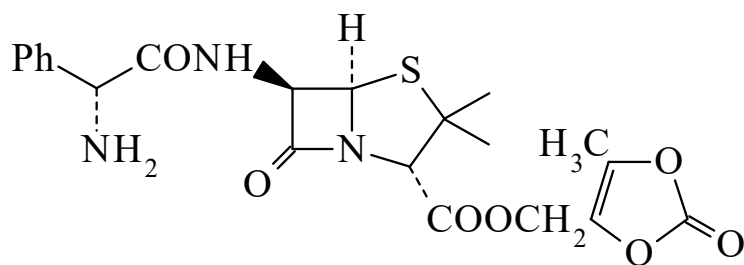




>>Entry Name: **Lenampicillin**, INN

Synonym(s): Ampicillin (5-methyl-2-oxo-1,3-dioxol-4-yl)methyl ester. Takacillin. Varacillin. LAPC



CAS Registry Number: 86273-18-9

Molecular Formula: C₂₁H₂₃N₃O₇S

Molecular Weight: 461.495

Accurate Mass: 461.125672

Percentage Composition: C 54.66%; H 5.02%; N 9.11%; O 24.27%; S 6.95%

Use/Importance: Antibiotic

Development Status: Launched 1987

>>Derivative: Hydrochloride

Synonym(s): **Lenampicillin hydrochloride**, JAN. KBT 1585

CAS Registry Number: 80734-02-7

Physical Description: Cryst.

Melting Point: Mp 145 dec.°

Hazard & Toxicity: LD₅₀ (rat, orl) 10000 mg/kg. LD₅₀ (rat, ivn) 838 mg/kg. Exp. reprod. and teratogenic effects

References:

- Sakamoto, F. *et al.*, *Chem. Pharm. Bull.*, 1984, **32**, 2241; 4316, (*synth, props*)
Chemotherapy (Tokyo), (Suppl. 8), 1984, **32**, (*pharmacol, tox, metab, numerous papers*)
Saito, A. *et al.*, *Antimicrob. Agents Chemother.*, 1986, **29**, 948, (*pharmacokinet*)
Soejima, R. *et al.*, *Drugs of Today (Barcelona)*, 1988, **24**, 633, (*rev*)
Marzo, A. *et al.*, *J. Chromatogr.*, 1990, **507**, 235, (*hplc*)
Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 178
Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., *Van Nostrand Reinhold*, 1992, LEJ500