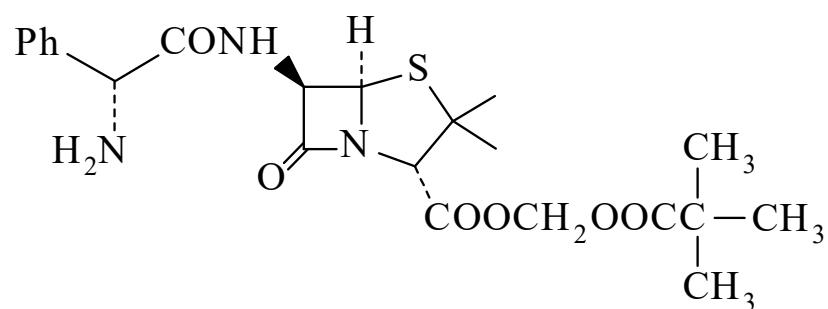




>>Entry Name: **Pivampicillin**, BAN

Synonym(s): Inacilin. Lervipan. Pivadilon. Pivamiser. Pondocil. Pondocillin. MK 191



CAS Registry Number: 33817-20-8

Molecular Formula: C₂₂H₂₉N₃O₆S

Molecular Weight: 463.554

Accurate Mass: 463.177707

Percentage Composition: C 57.00%; H 6.31%; N 9.06%; O 20.71%; S 6.92%

Source/Synthesis: Semisynthetic penicillin

Use/Importance: Improves oral absorption of Ampicillin

pKa Value: pK_a 1

Calculated Log P Data: Log P 2.47 (uncertain value) (calc)

Other Data: Hydrol. to Ampicillin *in vivo*

>>Derivative: Hydrochloride

Synonym(s): **Pivampicillin hydrochloride**, USAN. Alphacillin. Many other names

CAS Registry Number: 26309-95-5

Melting Point: Mp 155° (dec.)

Optical Rotation: [α]_D²⁰ +200 (c, 1 in H₂O)

Solubility: Sol. H₂O, CHCl₃

Sigma: P8646

>>Derivative: 4-[(Dipropylamino)sulfonyl]benzoate salt (1:1)

Synonym(s): **Pivampicillin probenate**, USAN. MK 356

CAS Registry Number: 42190-91-0

Extra CAS Registry Numbers(s): 39030-71-2

Use/Importance: Antibiotic

>>Derivative: 4,4'-Methylenebis(3-hydroxy-2-naphthoate) salt (2:1)

Synonym(s): **Pivampicillin pamoate**, USAN

CAS Registry Number: 39030-72-3

Extra CAS Registry Numbers(s): 59549-62-1

Use/Importance: Antibiotic

References:

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