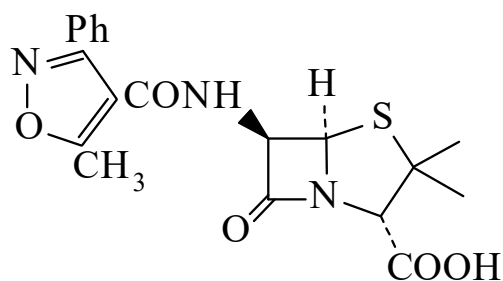




>>Entry Name: Oxacillin, BAN, INN

Synonym(s): 6-(5-Methyl-3-phenyl-1-isoxazolecarboxamido)penicillanic acid. Many other names



CAS Registry Number: 66-79-5

Molecular Formula: C₁₉H₁₉N₃O₅S

Molecular Weight: 401.442

Accurate Mass: 401.104542

Percentage Composition: C 56.85%; H 4.77%; N 10.47%; O 19.93%; S 7.99%

Use/Importance: Active against staphylococci

Calculated Log P Data: Log P 2.36 (calc)

Hazard & Toxicity: Hypersensitivity reactions associated with therapeutic use. LD₅₀ (mus, orl) 6500 mg/kg

>>Derivative: Na salt

Synonym(s): Oxacillin sodium, USAN. Prostaphlin. Bactocill. P 12. SQ 16423. Antibiotic P 12. Antibiotic SQ 16423

CAS Registry Number: 1173-88-2

Extra CAS Registry Numbers(s): 7240-38-2

Physical Description: Cryst. + 1H₂O (2-propanol)

Melting Point: Mp 188 dec.°

Optical Rotation: [α]_D²⁰ +201 (c, 1.0 in H₂O)

Solubility: Sol. H₂O

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