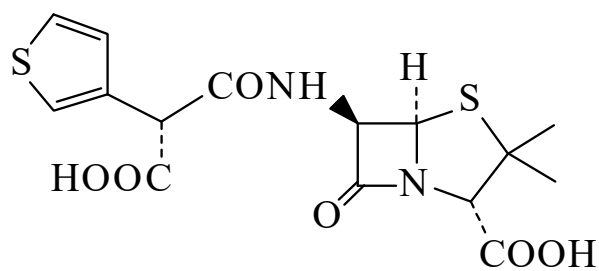




>>Entry Name: Ticarcillin, BAN, INN

Synonym(s): α -Carboxy-3-thienylmethylpenicillin



CAS Registry Number: 34787-01-4

Related CAS Registry Numbers(s): 3973-04-4 74682-62-5

Molecular Formula: $C_{15}H_{16}N_2O_6S_2$

Molecular Weight: 384.433

Accurate Mass: 384.044978

Percentage Composition: C 46.87%; H 4.19%; N 7.29%; O 24.97%; S 16.68%

Source/Synthesis: Semisynthetic penicillin antibiotic

Use/Importance: Parenteral agent with antipseudomonas activity

Calculated Log P Data: Log P 1.22 (uncertain value) (calc)

>>Derivative: Di-Na salt

Synonym(s): Ticarcillin sodium, JAN, USAN. Aerugipen. Tarcil. Ticar. Ticarpen. Ticillin. Antibiotic BRL 2288. BRL 2288

CAS Registry Number: 4697-14-7

Extra CAS Registry Numbers(s): 29457-07-6

Physical Description: Cream hygroscopic powder

Other Data: Component of Claventin

Fluka: 89433

Sigma: T3788

>>Derivative: 3-Mono(4-methylphenyl)ester

CAS Registry Number: 59070-07-4

Molecular Formula: $C_{22}H_{22}N_2O_6S_2$

Molecular Weight: 474.558

Accurate Mass: 474.091928

Percentage Composition: C 55.68%; H 4.67%; N 5.90%; O 20.23%; S 13.51%

Calculated Log P Data: Log P 3.26 (uncertain value) (calc)

>>Derivative: 3-Mono(4-methylphenyl)ester, Na salt

Synonym(s): Ticarcillin cresyl sodium, USAN. BRL 12594

CAS Registry Number: 59070-06-3

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