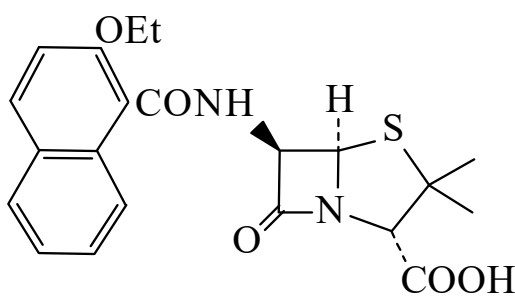




>>Entry Name: Nafcillin, BAN, INN

Synonym(s): 2-Ethoxy-1-naphthylpenicillin. 6-(2-Ethoxy-1-naphthamido)penicillanic acid



CAS Registry Number: 7177-50-6

Related CAS Registry Numbers(s): 985-16-0

Extra CAS Registry Numbers(s): 147-52-4

Molecular Formula: $C_{21}H_{22}N_2O_5S$

Molecular Weight: 414.481

Accurate Mass: 414.124943

Percentage Composition: C 60.85%; H 5.35%; N 6.76%; O 19.30%; S 7.74%

Biological Use/Importance: Antibiotic, stable to staphylococcal β -lactamase

Calculated Log P Data: Log P 3.46 (calc)

Sigma: N3269

>>Derivative: Na salt

Synonym(s): Nafcillin sodium, USAN. Nafcil. **Unipen**†. Wy 3277. Antibiotic Wy 3277. Naftopen. Nallpen. Naphthcillin

CAS Registry Number: 985-16-0

Physical Description: Needles + $1H_2O$

Optical Rotation: $[\alpha]_D^{23} +198$ (c, 1.2 in H_2O)

Sigma: N4008

References:

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