

Product Data Sheet

Product Name: Hetacillin

Cat. No.: GC32272

Chemical Properties

Cas. No. 3511-16-8

SMILES O=C([C@@H](C(C)(C)S[C@]1([H])[C@@H]2N(C(C)(C)N[C@@H]3C4=CC=CC=C4)C3=O)N1C2=O)O

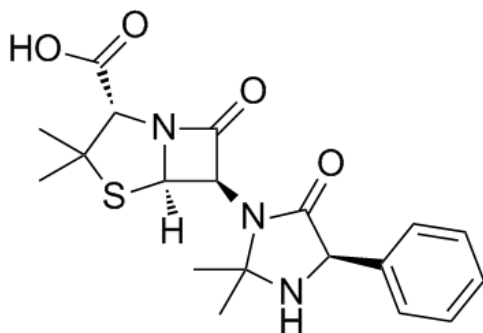
Formula $C_{19}H_{23}N_3O_4S$ M.Wt 389.47

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

Hetacillin is a beta-lactam antibiotic that is part of the aminopenicillin family. It is a prodrug and it has no antibacterial activity itself, but quickly splits of acetone in the human body to form ampicillin, which is active against a variety of bacteria.

Caution: Product has not been fully validated for medical applications. For research use only.

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