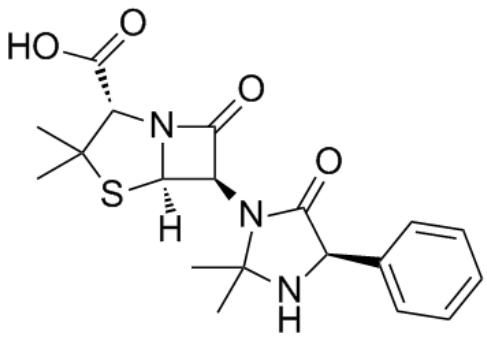
# Product Data Sheet

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.***
***Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com***
***Address: 10292 Central Ave. #205, Montclair, CA, USA***