Product Information

Cloxacillin Sodium Monohydrate

Product ID  C4756
CAS No.  7081-44-9

Chemical Name  4-Thia-1-azabicyclo(3.2.0)heptane-2-carboxylic acid, 6-(3-(2-chlorophenyl)-5-methyl-4-isoxazolecarboxamido)-3,3-dimethyl-7-oxo-, monosodium salt, (2S,5R,6R)-

Synonym  Bactopen, Cloxapen, Cloxypen, Ekvacillin, Orbenin, Methocillin-S.

Formula  C_{19}H_{17}ClN_{3}NaO_{5}S \cdot H_{2}O
Formula Wt.  475.88
Melting Point  170 °C (dec)
Purity  ≥98%
Solubility  Soluble in water, methanol, ethanol or pyridine.

Store Temp  Ambient
Ship Temp  Ambient

Description  Cloxacillin is a β-lactam antibiotic that displays antibacterial efficacy against a variety of species; it is especially active versus Staphylococcus. Like other β-lactam antibiotics, this compound binds penicillin binding proteins.

References


Caution: This product is intended for laboratory and research use only. It is not for human or drug use.