Cloxacillin Sodium Monohydrate

Product Information

**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**  C₁₉H₁₇ClN₃NaO₅S • H₂O
**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.