
Product Data Sheet

Product Name: Dicloxacillin Sodium

Cat. No.: GC14159

Chemical Properties

Cas. No. 343-55-5

Chemical Name sodium;(2S,5R,6R)-6-[[3-(2,6-dichlorophenyl)-5-methyl-1,2-oxazole-4-carbonyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylate

SMILES CC1=C(C(=NO1)C2=C(C=CC=C2Cl)Cl)C(=O)NC3C4N(C3=O)C(C(S4)(C)C)C(=O)[O-].[Na+]

Formula C₁₉H₁₇Cl₂N₃O₅S.H₂O.Na

M.Wt

510.32

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**

Dicloxacillin is a β -lactamase resistant penicillin similar to oxacillin and it has activity against gram-positive/negative aerobic and anaerobic bacteria.

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

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