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## Product Datasheet

### Nafcillin sodium monohydrate, CAS [[7177-50-6]] BYT-ORB1309018

Article Name	Nafcillin sodium monohydrate, CAS [[7177-50-6]]
Biozol Catalog Number	BYT-ORB1309018
Supplier Catalog Number	orb1309018
Alternative Catalog Number	BYT-ORB1309018-50
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	Nafcillin sodium monohydrate is a penicillinase-resistant penicillin derivative that inhibits bacterial cell wall synthesis. It is widely used in research to study infections caused by penicillin-resistant Staphylococci, including in vitro susceptibi...
Molecular Weight	454.47
Purity	98.00% (May vary between batches)
CAS Number	[7177-50-6]
Formula	C <sub>21</sub> H <sub>21</sub> N <sub>2</sub> O <sub>5</sub> SNaH <sub>2</sub> O
Target	Antibacterial, Antibiotic
Application Notes	Solubility: DMSO:84 mg/mL (184.83 mM), H <sub>2</sub> O:83 mg/mL (182.63 mM), 10% DMSO+40% PEG300+5% Tween 80+45% Saline:3.3 mg/mL (7.26 mM), Ethanol:16 mg/mL (35.21 mM)