

Penicillin G sodium salt

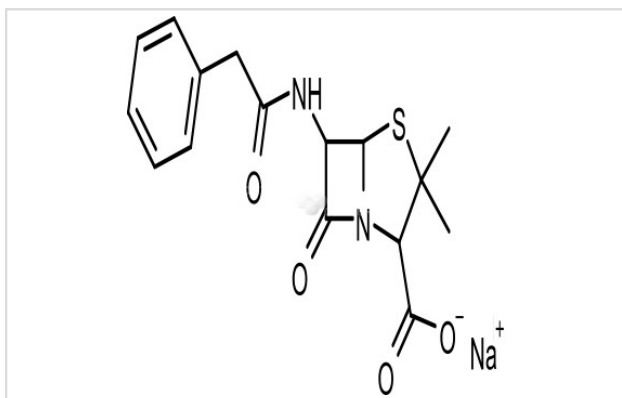
Catalog No: #S0958

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Description

Product Name	Penicillin G sodium salt
Brief Description	Inhibitors
Purification	98.05%
Target Name	Antibacterial; GABA Receptor
Calculated MW	356.37
Formulation	C ₁₆ H ₁₇ N ₂ NaO ₄ S
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research Area: Immunology SMILES: CC1([C@@H](N2[C@H](S1)[C@@H](C2=O)NC(=O)CC3=CC=CC=C3)C(=O)[O-])C.[Na+] Pathways: Membrane transporter/Ion channel; Microbiology&virology; Neuroscience Receptor: PBPs; GABA Receptor
 Boiling pt: 209-212°C Melting pt: Solubility: Water: 71 mg/mL (199.23 mM); DMSO: 71 mg/mL (199.23 mM) Appearance: White Powder Remark: 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.

References

- Jiang X, et al. Spectrochim Acta A Mol Biomol Spectrosc. 2015 Apr 5;140:474-8.

Note: This product is for in vitro research use only