

Product Datasheet

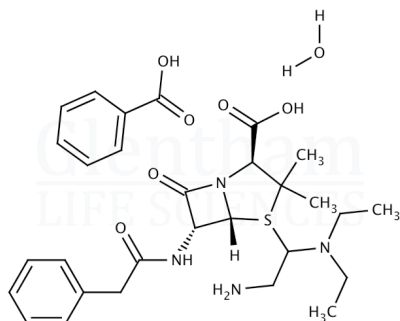
GA6076 - Penicillin G procaine

Product Details

Product Name	Penicillin G procaine
Glentham Code	GA6076
CAS Number	6130-64-9
PubChem SID	310278564
Related Categories	Antibiotics, Antimicrobials, Beta-Lactam Antibiotics

Structure

Molecular Weight	: 570.70 (anhydrous)
Molecular Formula	: $C_{29}H_{38}N_4O_6S \cdot xH_2O$



Glentham Product Specification

Physical Description	: White or almost white crystalline powder
Solubility (2% in methanol)	: Clear, colourless solution
Specific Optical Rotation ([α] _{20/D})	: +165 - +180 °
Water	: ≤ 5.0%
Assay	: 96.0 - 102.0 % (anhydrous basis)
Version	: v1.1

About Penicillin G procaine

The procaine salt of penicillin G, or benzylpenicillin, a narrow spectrum antibiotic used to treat a number of bacterial infections. The antibiotic acts by inhibiting the cell wall synthesis of bacteria by inhibiting peptidoglycan chain cross-linking. Procaine is a local anaesthetic, which counteracts the pain caused by large dose injections of low concentration penicillin G.

Storage

Recommended storage temperature: +4°C.

Hazards and Transport

Not classified as dangerous for transport.

CLP Classification Skin Irr. 2, STOT SE 3,
STOT SE 3, Eye Irr. 2A

Signal Word Achtung

Hazard Codes H315, H336, H335, H319

Precautionary Codes P280, P261,
P305+P351+P338

Pictograms



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