

Product Datasheet

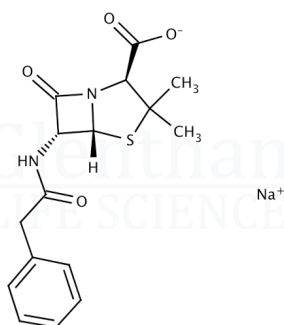
GP5843 - Penicillin G sodium salt, USP grade

Product Details

Product Name	Penicillin G sodium salt, USP grade
Glenthams Code	GP5843
CAS Number	69-57-8
EINECS	200-710-2
Numéro MDL	MFCD00069666
CAS supplémentaire	61-33-6 (free acid)
Related Categories	APIs, Antibiotics, Biochemicals, Antimicrobials, Beta-Lactam Antibiotics

Structure

Molecular Weight	: 356.37
Molecular Formula	: $C_{16}H_{17}N_2NaO_4S$



Storage

Recommended storage temperature: +4°C.

Hazards and Transport

Not classified as dangerous for transport.
CLP Classification Skin Sens. 1, Resp. Sens. 1

Signal Word	Danger
Hazard Codes	H317, H334
Precautionary Codes	P342+P311, P280, P261
Pictograms	

Glenthams Product Specification

Physical Description	: White or almost white crystalline powder
Identification	: IR
Solubility (10% in water)	: Clear, colourless solution
Specific Optical Rotation	: +285 - +310 °
Loss on Drying	: ≤ 1.0%
Assay	: 96.0 - 102.0 %
Pharmacopoeia Specification(s)	: USP
Version	: v1.0

About Penicillin G sodium salt, USP grade

The sodium 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.

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