

Product Datasheet

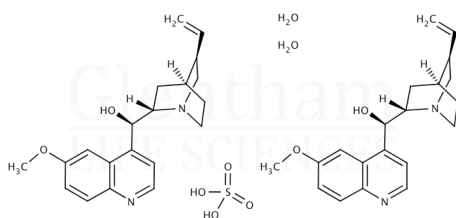
GE0921 - Quinine sulfate hydrate

Product Details

Product Name	Quinine sulfate hydrate
Glenthams Code	GE0921
CAS Number	6119-70-6
EINECS	212-359-2
Numéro MDL	MFCD00150792
CAS supplémentaire	207671-44-1
PubChem SID	310279543
Related Categories	Antibiotics, Biochemicals, Phytochemicals, Antimicrobials

Structure

Molecular Weight	: 391.47
Molecular Formula	: $C_{20}H_{24}N_2O_2 \cdot 0.5H_2O_4S \cdot H_2O$



Precautionary Codes

P280, P261,
P305+P351+P338

Pictograms



Glenthams Product Specification

Physical Description	: White or almost white, crystalline powder or fine, colourless needles
Identification	: Identification tests A, B, C, D, E
Appearance of Solution	: Clear, and colour $\leq$ GY6
pH (1% solution)	: 5.7 - 6.6
Specific Optical Rotation	: -237 - -245 °
Other Cinchona Alkaloids	: Dihydroquinine Sulphate: $\leq$ 10.0%
	: Any impurity eluted before Quinine: $\leq$ 5.0%
	: Any other impurity: $\leq$ 2.5%
Loss on Drying	: 3.0 - 5.0 %
Sulphated Ash	: $\leq$ 0.1%
Heavy Metals	: $\leq$ 10ppm
Residual Solvents	: Conforms to requirements
Content	: 99.0 - 101.0 % (alkaloid monosulphates, dried basis)
Pharmacopoeia Specification(s)	: Conforms to BP, EP
Version	: v1.0

Storage

Recommended storage temperature: +20°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 Attention

Hazard Codes H315, H336, H335, H319

About Quinine sulfate hydrate

No further details on record.

This document was generated electronically and is therefore valid without signature. © Glenthams Life Sciences Ltd, 2025