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Product Datasheet

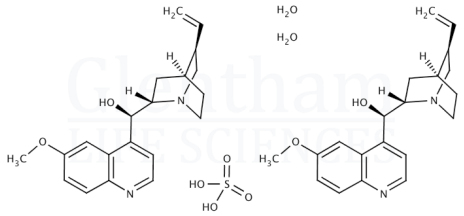
GE0921 - Quinine sulfate hydrate

Product Details

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

Structure

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



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	Warning
Hazard Codes	H315, H336, H335, H319
Precautionary Codes	P280, P261, P305+P351+P338
Pictograms	

Glentham 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 ≤ GY6
pH (1% solution)	:	5.7 - 6.6
Specific Optical Rotation	:	-237 - -245 °
Other Cinchona Alkaloids	:	Dihydroquinine Sulphate: ≤ 10.0%
	:	Any impurity eluted before Quinine: ≤ 5.0%
	:	Any other impurity: ≤ 2.5%
Loss on Drying	:	3.0 - 5.0 %
Sulphated Ash	:	≤ 0.1%
Heavy Metals	:	≤ 10ppm
Residual Solvents	:	Confoms to requirements
Content	:	99.0 - 101.0 % (alkaloid monosulphates, dried basis)
Pharmacopoeia Specification(s)	:	Conforms to BP, EP
Version	:	v1.0

About Quinine sulfate hydrate

No further details on record.

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