

Product Datasheet

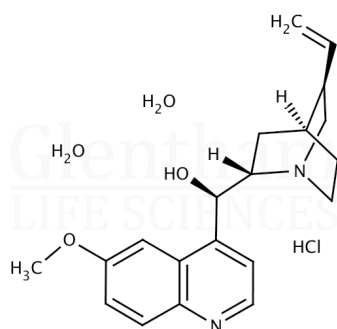
GA8217 - Quinine hydrochloride dihydrate

Product Details

Product Name	Quinine hydrochloride dihydrate
Glentham Code	GA8217
CAS Number	6119-47-7
EINECS	205-001-1
MDL Number	MFCD00078498
Additional CAS	130-89-2
Additional CAS	60-93-5 ($\cdot 2\text{HCl}$)
PubChem SID	310279542
Related Categories	Antibiotics, Biochemicals, Antimicrobials

Structure

Molecular Weight : 396.91
Molecular Formula : $\text{C}_{20}\text{H}_{24}\text{N}_2\text{O}_2 \cdot \text{HCl} \cdot 2\text{H}_2\text{O}$



Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as dangerous for transport.

CLP Classification Skin Sens. 1, Acute Tox. 4,
Resp. Sens. 1

Signal Word

Hazard Codes

Precautionary Codes

Pictograms

Danger

H317, H302, H334

P342+P311, P280, P261,
P301+P312



Glentham Product Specification

Physical Description	: White or almost white crystalline powder
Identification	: Identification tests A, B, C, D, E
Appearance of Solution	: Clear, and colour \leq Y6
pH (1% in water)	: 6.0 - 6.8
Specific Optical Rotation	: -245 - -258 °
Other Cinchona Alkaloids	: Dihydroquinine hydrochloride: \leq 10.0% : Any impurity eluted before quinine: \leq 5.0% : Any Other Impurity: \leq 2.5%
Loss on Drying	: 6.0 - 10.0 %
Sulphated Ash	: \leq 0.1%
Sulphates	: \leq 500ppm
Barium Test	: No turbidity produced
Heavy Metals	: \leq 10ppm
Assay	: 99.0 - 101.0 %
Pharmacopoeia Specification(s)	: Conforms to BP, EP
Version	: v1.0

About Quinine hydrochloride dihydrate

No further details on record.

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