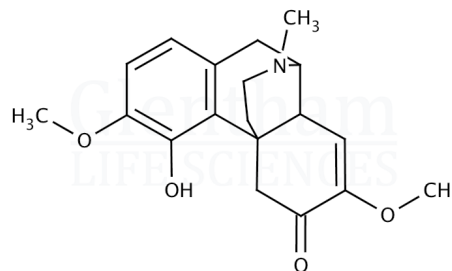


Certificate of Analysis

Product Name	Sinomenine hydrochloride
Glenthams Code	GP8868
CAS Number	6080-33-7
MDL Number	MFCD01714307
Additional CAS	115-53-7
Batch Number	472ORV
Molecular Weight	365.85 (anhydrous)
Molecular Formula	$C_{19}H_{23}NO_4 \cdot HCl \cdot xH_2O$
Storage Temp.	+4°C



Property	Specification	Batch 472ORV
Physical Description	White to off-white or beige crystalline powder	Off-white crystalline powder
Loss on Drying	≤ 9.8%	9.0%
Residue on Ignition	≤ 0.3%	0.11%
Assay	≥ 98.0%	99.0%

Specification Version	v1.0
Manufacture Date	2015-01-10
Re-Test Date	2024-01-23

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.

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