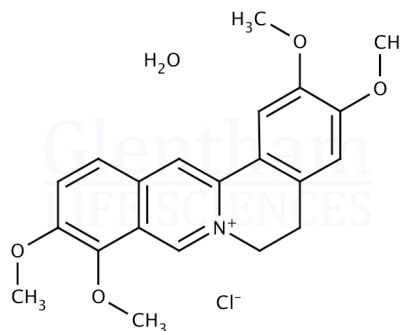


Certificate of Analysis

Product Name	Palmatine hydrochloride hydrate
Glentham Code	GP2867
CAS Number	171869-95-7
PubChem SID	310278476
MDL-Nummer	MFCD00150276
Zusätzliche CAS	10605-02-4 (anhyd.)
Batch Number	604GMV

Molecular Weight	387.86 (anhydrous)
Molecular Formula	$C_{21}H_{22}ClNO_4 \cdot xH_2O$
Storage Temp.	-20°C



Property	Specification	Batch 604GMV
Physical Description	Yellow crystals or crystalline powder	Entspricht
Melting Point	$\geq 198.0^{\circ}\text{C}$	199.2 - 200.6 °C
Heavy Metals	$\leq 20\text{ppm}$	Entspricht
Loss on Drying	$\leq 15.0\%$	11.8%
Assay	$\geq 95.0\%$ (anhydrous basis)	96.6%

Specification Version	v1.0
Manufacture Date	2016-05-16
Re-Test Date	2025-04-21

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

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