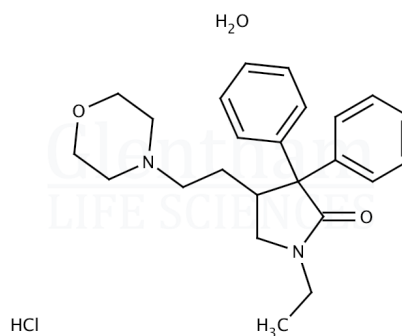


Certificate of Analysis

Product Name	Doxapram hydrochloride
Glentham Code	GP6685
CAS Number	7081-53-0
PubChem SID	310272416
Additional CAS	113-07-5
Batch Number	672CRH

Molecular Weight	432.98
Molecular Formula	$C_{24}H_{33}ClN_2O_3$
Storage Temp.	+20°C



Property	Specification	Batch 672CRH
Physical Description	White or almost white crystalline powder	White crystalline powder
Identification (IR)	To conform to structure	Conforms
Solubility (2% in water)	Clear, colourless solution	Conforms
pH	3.5 - 5.0	4.1
Specific Optical Rotation ($[\alpha]_{20/D}$)	-0.2 - +0.2 ° (c=5, water)	0.0°
Loss on Drying	≤ 5.0%	3.88%
Residue on Ignition	≤ 0.1%	0.00%
Assay (Titration)	≥ 98.0%	100.1%

Specification Version	v1.0
Manufacture Date	2021-01-19
Re-Test Date	2029-11-02

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.

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