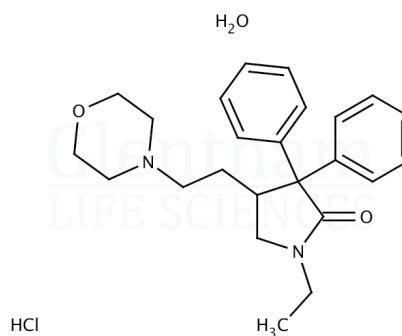


## Product Specification

Product Name	Doxapram hydrochloride
Glentham Code	GP6685
CAS Number	7081-53-0
PubChem SID	310272416
Additional CAS	113-07-5
Molecular Weight	432.98
Molecular Formula	$C_{24}H_{33}ClN_2O_3$
Storage Temp.	+20°C



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

Specification Version	- v1.0
Date Created	- 2021-12-02

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](http://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