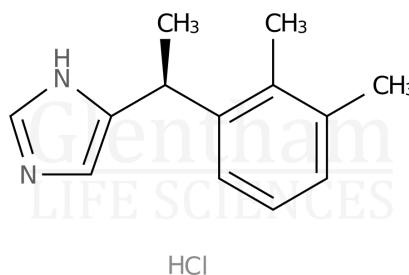


Product Specification

Product Name	Dexmedetomidine hydrochloride, USP grade
Glentham Code	GX7871
CAS Number	145108-58-3
MDL Number	MFCD12912677
Additional CAS	113775-47-6
Molecular Weight	236.74
Molecular Formula	$C_{13}H_{16}N_2 \cdot HCl$
Storage Temp.	+4°C



Property	Specification
Physical Description	White to off-white powder
Identification (IR)	To conform to standard
Residue on Ignition	≤ 0.1%
Any Individual Impurity (HPLC)	≤ 0.1%
Total Impurities (HPLC)	≤ 0.5%
Enantiomeric Purity	≤ 1.0% (of Levomedetomidine HCl)
Loss on Drying	≤ 1.0% (105, 3h)
Assay (Titration)	98.0 - 102.0 % (dried vasis)
Pharmacopoeia Specification(s)	USP

Specification Version	-	v1.0
Date Created	-	2024-08-28

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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