

## Product Datasheet

### GX7871 - Dexmedetomidine hydrochloride, USP grade

Hazard Codes H336, H411, H302  
Precautionary Codes P273, P304+P340,  
P403+P233, P261, P264,  
P270

#### Product Details

Product Name Dexmedetomidine  
hydrochloride, USP grade  
Glenthams Code GX7871  
CAS Number 145108-58-3  
MDL Number MFCD12912677  
Additional CAS 113775-47-6  
Related Categories APIs

Pictograms

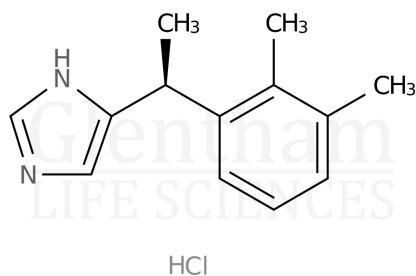


#### Glenthams Product Specification

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 basis)  
Pharmacopoeia Specification(s) : USP  
Version : v1.0

#### Structure

Molecular Weight : 236.74  
Molecular Formula :  $C_{13}H_{16}N_2 \cdot HCl$



#### About Dexmedetomidine hydrochloride, USP grade

No further details on record.

#### Storage

Recommended storage temperature: +4°C.

#### Hazards and Transport

Not classified as dangerous for transport.  
CLP Classification STOT SE 3, Aquatic  
Chronic 2, Acute Tox. 4  
Signal Word Warning

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