

Chem-Impex International, Inc.

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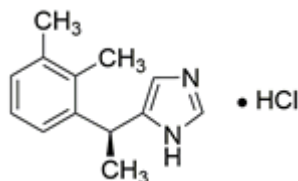
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	37828
Product	Dexmedetomidine hydrochloride (+)-Medetomidine hydrochloride (S)-4-[1-(2,3-Dimethylphenyl)ethyl]-1H-imidazole hydrochloride
CAS Number	145108-58-3
Molecular Formula	C ₁₃ H ₁₆ N ₂ •HCl
Molecular Weight	236.74

Appearance	White to almost white powder to crystal
Loss on Drying	≤ 1% (105 °C, 3h)
Related Substances	Individual impurities : ≤ 0.1% Total impurities : ≤ 0.3%
Residue On Ignition	≤ 0.1%
Assay	98 - 102% (on dried basis)
L-Enantiomer	≤ 1%
Chiral Purity	≥ 99% (ee)
Grade	Meets USP Specifications
Storage	Store at < 0 °C
Additional Information	Identification : Test for A : Infrared spectroscopy : Conforms to structure Test for B : For enantiomeric purity : To pass test Test for C : Chloride test : To pass test

For Laboratory Use Only