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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Levomedetomidine Hydrochloride

Identification:

Chemical Name: (R)-5-(1-(2,3-dimethylphenyl)ethyl)-1H-imidazole hydrochloride

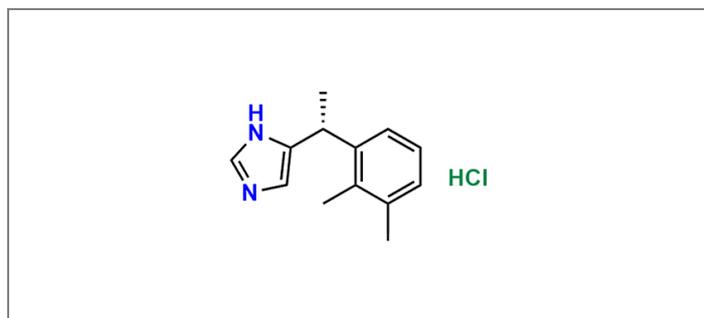
Synonyms : Medetomidine (R)-Isomer

CAS Number : 190000-46-5

CAT Number : CP-M8001

Molecular Formula : C₁₃H₁₆N₂ : HCl

Molecular Weight : 200.29 : 36.46



Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA

Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	¹ H NMR	Confirm to structure
6)	Weight loss by TGA	-
7)	Potency by TGA	-



Prepared and Reviewed By



Ms Priyanka Salunkhe
(Quality Control)

Approved By



Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.