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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Dexmedetomidine USP Related Compound A

Identification:

Chemical Name: (2,3-Dimethylphenyl)-1H-imidazol-5-ylmethanone

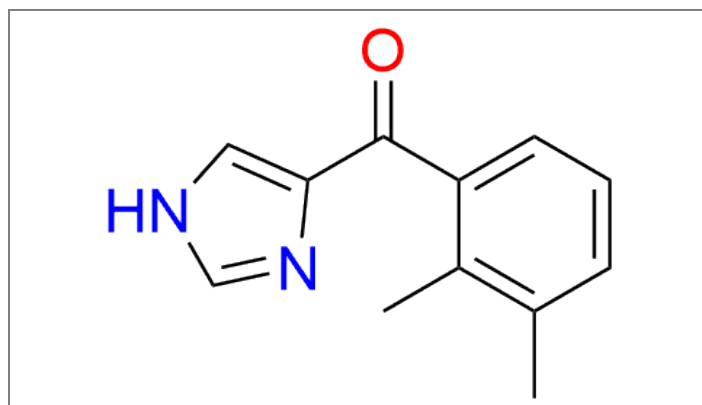
Synonyms : Dexmedetomidine Ketone
Impurity

CAS Number : 91874-85-0

CAT Number : CP-M8003

Molecular Formula : C₁₂H₁₂N₂O

Molecular Weight : 200.24



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)	H1NMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

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