

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank
Navi Mumbai 410208, MH, INDIA. Email- info@chemicea.com Mob- +91 9284897978

CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Dexmedetomidine USP Related Compound B

Identification:

Chemical Name: 5-[1-(2,3-Dimethylphenyl)ethenyl]-1H-imidazole ; 1-(4-Imidazolyl)-1-(2,3-dimethylphenyl)ethylene ; 4-[1-(2,3-Dimethylphenyl)vinyl]-1H-imidazole

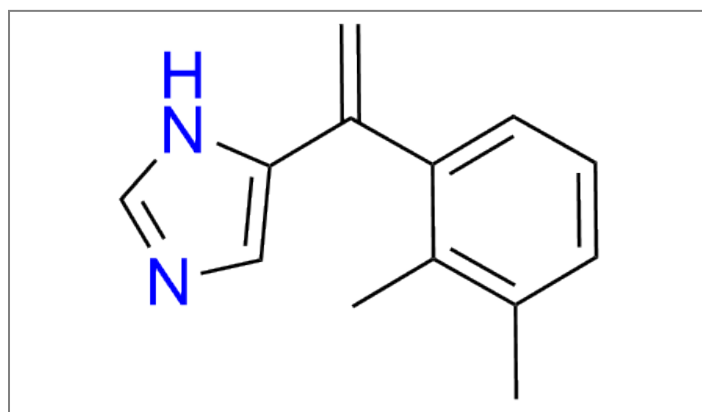
Synonyms : Dexmedetomidine Olefin
Impurity

CAS Number : 1021949-47-2

CAT Number : CP-M8006

Molecular Formula : C₁₃H₁₄N₂

Molecular Weight : 198.26



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.