

CERTIFICATE OF ANALYSIS

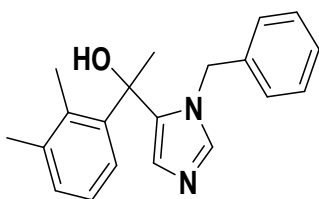
Reference Substance

Date:

Dexmedetomidine Impurity-2

Batch No.:

IUPAC Name: 1-(1-benzyl-1H-imidazol-5-yl)-1-(2,3-dimethylphenyl)ethanol



Molecular Weight: 306.40 g/mol

Molecular Formula: C₂₀H₂₂N₂O

Sr.#	Test	Results	Data ref.
1	Appearance	Light yellow solid	-----
2	Purity by HPLC	95.76%	Chromatogram attached
3	Mass	Conform	Report attached
4	¹ H NMR	Conform	Report attached

Storage condition: Store at 2-8°C, protect from direct sunlight and moisture.

This certificate of analysis is valid for two years from date of manufacturing provided the substance is stored under suitable conditions.

Date of manufacturing:**Retest Date:****Document data reference:***Prepared by**Reviewed by**Approved by*