
Certificate of Analysis

Product Name: Dexmedetomidine
Cat. No.: GC17494
Batch No.: 1
Chemical Name: 5-[(1S)-1-(2,3-dimethylphenyl)ethyl]-1H-imidazole

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 113775-47-6
Molecular Formula: C₁₃H₁₆N₂
Molecular Weight: 200.28
Storage: Store at -20°C
Chemical Structure:

ANALYTICAL DATA

Appearance: solid
HNMR: Consistent with structure
HPLC: Consistent with structure
Purity: >98%
Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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