

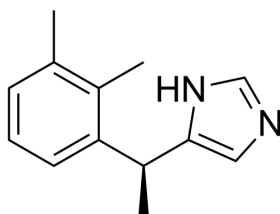
Dexmedetomidine

Cat. No.: HY-12719
 CAS No.: 113775-47-6
 Batch No.: 229310
 Chemical Name: 1H-Imidazole, 5-[(1S)-1-(2,3-dimethylphenyl)ethyl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₁₃H₁₆N₂
 Molecular Weight: 200.28
 Storage: 4°C, protect from light
 * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)
¹H NMR Spectrum: Consistent with structure
 LCMS: Consistent with structure
 Purity (LCMS): 99.93%
 Loss on drying: 0.075%
 Residue on Ignition: 0.050%
 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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