

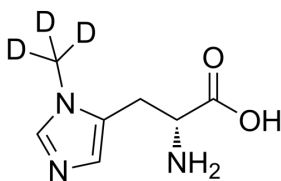
3-Methyl-D-histidine-d₃ (hydrochloride)

Cat. No.: HY-W017007SB
Batch No.: 322595
Chemical Name: (R)-2-amino-3-(1-methyl-1H-imidazol-5-yl)propanoic acid-d₃ hydrochloride

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₇H₉D₃ClN₃O₂
Molecular Weight: 208.66
Storage: 4°C, sealed storage, away from moisture and light
* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

Chemical Structure:



HCl

ANALYTICAL DATA

Appearance: White to off-white (Solid)
¹H NMR Spectrum: Consistent with structure
LCMS: Consistent with structure
Purity (HPLC): 96.07%
Isotopic Enrichment: 99.7%
Additional Information: d₀=0.09%, d₁=0.02%, d₂=0.67%, d₃=99.22%
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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