Certificate of Analysis

Mapenterol (hydrochloride)

Cat. No.: HY-136435
CAS No.: 54238-51-6
Batch No.: 319925

Chemical Name: Benzenemethanol, 4-amino-3-chloro-α-[[(1,1-dimethylpropyl)amino]methyl]-5-(trifluoromethyl

)-, hydrochloride (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{14}H_{21}Cl_2F_3N_2O$

Molecular Weight: 361.23

Storage: 4°C, sealed storage, away from moisture

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

NH OH F

HCI

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.56%

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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