Certificate of Analysis

Bambuterol hydrochloride

Cat. No.: HY-17501A

CAS No.: 81732-46-9

Batch No.: 16539

Chemical Name: Carbamic acid, N,N-dimethyl-, 3-[[(dimethylamino)carbonyl]oxy]-5-[2-[(1,1-dimethylethyl)amin

o]-1-hydroxyethyl]phenyl ester, hydrochloride (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{18}H_{30}CIN_3O_5$ Molecular Weight: 403.90

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:

OH H N O OH N O N O O H-CI

ANALYTICAL DATA

Appearance: White to off-white (Solid)

LCMS: Consistent with structure

Purity (LCMS): 99.64%

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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