Certificate of Analysis

Ethacizine (hydrochloride)

Cat. No.: HY-135121
CAS No.: 57530-40-2
Batch No.: 105781

Chemical Name: Carbamic acid, [10-[3-(diethylamino)-1-oxopropyl]-10H-phenothiazin-2-yl]-, ethyl ester, monoh

ydrochloride (9CI)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₂₂H₂₈ClN₃O₃S

Molecular Weight: 449.99

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:

H-CI

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 98.45%

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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