Certificate of Analysis

Decamethoxine

Cat. No.: HY-108004 CAS No .: 38146-42-8 Batch No.: 261233

Chemical Name: 1,10-Decanediaminium, N1,N1,N10,N10-tetramethyl-N1,N10-bis[2-[[5-methyl-2-(1-methylethyl)

cyclohexyl]oxy]-2-oxoethyl]-, chloride (1:2)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{38}H_{74}Cl_2N_2O_4$

Molecular Weight: 693.91

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:

ANALYTICAL DATA

Off-white to light yellow (Solid) Appearance:

¹H NMR Spectrum: Consistent with structure

Purity (NMR): ≥95.0%

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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