Certificate of Analysis

Benzethonium (chloride)

Cat. No.: HY-B0942

CAS No.: 121-54-0

Batch No.: 17606

Chemical Name: Benzenemethanaminium, N,N-dimethyl-N-[2-[2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]ethoxy]ethyl]-, chloride (1:1)

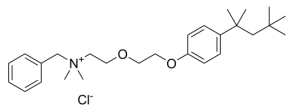
PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{27}H_{42}ClNO_2$

Molecular Weight: **448.08**

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:



ANALYTICAL DATA

Appearance: White to off-white (Solid)

LCMS: Consistent with structure

Purity (LCMS): **98.76%**

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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