

Screening Libraries

Proteins

Certificate of Analysis

Valethamate (bromide)

Cat. No.: HY-B2112 CAS No.: 90-22-2 Batch No.: 78876

Chemical Name: Ethanaminium, N,N-diethyl-N-methyl-2-[(3-methyl-1-oxo-2-phenylpentyl)oxy]-, bromide (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{19}H_{32}BrNO_2$ Molecular Weight: 386.37

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:

$$\bigcup_{O}^{O} \bigcup_{N^{+}Br^{-}}^{N^{+}Br^{-}}$$

ANALYTICAL DATA

Appearance: White to off-white (Solid) ¹H NMR Spectrum: Consistent with structure

Purity (NMR): ≥98.0%

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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