

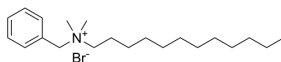
Benzalkonium (bromide)

Cat. No.: HY-W099594
CAS No.: 7281-04-1
Batch No.: 329810
Chemical Name: Benzenemethanaminium, N-dodecyl-N,N-dimethyl-, bromide (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₂₁H₃₈BrN
Molecular Weight: 384.44
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

Appearance: Colorless to off-white (<38°C Solid,>43°C Liquid)
¹H NMR Spectrum: Consistent with structure
MS: Consistent with structure
Assay: 98.98%
Water: 0.18%
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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