Certificate of Analysis

Bromodiphenhydramine (hydrochloride)

Cat. No.: HY-B1568A

CAS No.: 1808-12-4

Batch No.: 361920

Chemical Name: Ethanamine, 2-[(4-bromophenyl)phenylmethoxy]-N,N-dimethyl-, hydrochloride (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₁₇H₂₁BrClNO

Molecular Weight: 370.71

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: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (HPLC): 97.34%

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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