

Certificate of Analysis

N-Hexadecyltrimethylammonium (hexafluorophosphate)

Cat. No.:	HY-W099577
CAS No.:	101079-29-2
Batch No.:	274660
Chemical Name:	1-Hexadecanaminium, N,N,N-trimethyl-, hexafluorophosphate(1-) (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₁₉ H ₄₂ F ₆ NP
Molecular Weight:	429.51
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:



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Appearance:	White to off-white (Solid)
¹ H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥97.0%
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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