Certificate of Analysis

Di-tert-butyl diisopropylphosphoramidite

Cat. No.: HY-W009354
CAS No.: 137348-86-8
Batch No.: 313757

Chemical Name: Phosphoramidous acid, N,N-bis(1-methylethyl)-, bis(1,1-dimethylethyl) ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{14}H_{32}NO_2P$ Molecular Weight: 277.39

Storage: 4°C, stored under nitrogen

* In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)

Chemical Structure:

ANALYTICAL DATA

Appearance: Colorless to light yellow (Liquid)

¹ H NMR Spectrum: Consistent with structure

Purity (GC): 96.85% Water(KF): 0.89%

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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