Certificate of Analysis

Bis(2-cyanoethyl) diisopropylphosphoramidite

Cat. No.: HY-24126

CAS No.: 102690-88-0

Batch No.: 402132

Chemical Name: Phosphoramidous acid, N,N-bis(1-methylethyl)-, bis(2-cyanoethyl) ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{12}H_{22}N_3O_2P$ Molecular Weight: 271.30

Storage: -20°C, protect from light, stored under nitrogen

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

Chemical Structure:

ANALYTICAL DATA

Appearance: Colorless to light yellow (Liquid)

¹ H NMR Spectrum: Consistent with structure

Purity (NMR): ≥95.0%

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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