

# Certificate of Analysis

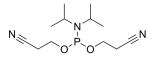
## Bis(2-cyanoethyl) diisopropylphosphoramidite

Cat. No.:	HY-24126
CAS No.:	102690-88-0
Batch No.:	423953
Chemical Name:	Phosphoramidous acid, N,N-bis(1-methylethyl)-, bis(2-cyanoethyl) ester

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>12</sub> H <sub>22</sub> N <sub>3</sub> O <sub>2</sub> P
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)
<sup>1</sup> 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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