

Diethyl (cyanomethyl)phosphonate

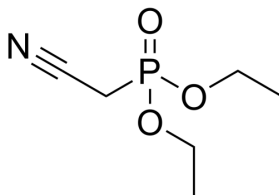
Cat. No.: HY-76459
CAS No.: 2537-48-6
Batch No.: 179397
Chemical Name: Phosphonic acid, P-(cyanomethyl)-, diethyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₆H₁₂NO₃P
Molecular Weight: 177.14
Storage:

Pure form	-20°C	3 years
	4°C	2 years
In solvent	-80°C	6 months
	-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance: Colorless to light yellow (Liquid)
¹H NMR Spectrum: Consistent with structure
Purity (GC): 99.57%
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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