Certificate of Analysis

Triethyl phosphonoacetate

Cat. No.: HY-Y0677
CAS No.: 867-13-0
Batch No.: 45283

Chemical Name: Acetic acid, 2-(diethoxyphosphinyl)-, ethyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_8H_{17}O_5P$ Molecular Weight: 224.19

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)

¹ H NMR Spectrum: Consistent with structure

Purity (GC): 99.96%

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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