2-PMPA

Cat. No.: HY-100788
CAS No.: 173039-10-6
Batch No.: 23445
Chemical Name: Pentanedioic acid, 2-(phosphonomethyl)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: \( \text{C}_6\text{H}_{11}\text{O}_7\text{P} \)
Molecular Weight: 226.12
Storage: 4°C, stored under nitrogen
* In solvent: -80°C, 6 months; -20°C, 1 month (stored under nitrogen)

Analytical Structure:

ANALYTICAL DATA

Appearance: Light yellow to yellow (Oil)
\( ^1\text{H} \) NMR Spectrum: Consistent with structure
Purity (NMR): ≥98.0%
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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