

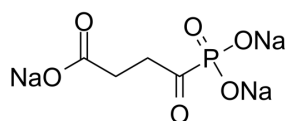
Certificate of Analysis

Product Name: Succinyl phosphonate (trisodium salt)
Cat. No.: HY-12688A
CAS No.: 864167-45-3
Batch No.: 61379
Chemical Name: Butanoic acid, 4-oxo-4-phosphono-, sodium salt (1:3)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₄H₄Na₃O₆P
Molecular Weight: 248.01
Storage: 4°C, sealed storage, away from moisture
* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:



ANALYTICAL DATA

Appearance: White to light yellow (Solid)
¹H 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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