Certificate of Analysis

Alendronic acid

Cat. No.: HY-B0631

CAS No.: 66376-36-1

Batch No.: 63520

Chemical Name: Phosphonic acid, P,P'-(4-amino-1-hydroxybutylidene)bis-

PHYSICAL AND CHEMICAL PROPERTIES

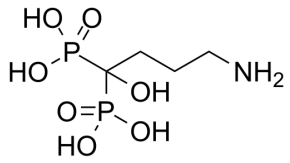
Molecular Formula: $C_4H_{13}NO_7P_2$

Molecular Weight: 249.10

Storage:

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

Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)

^{1}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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