

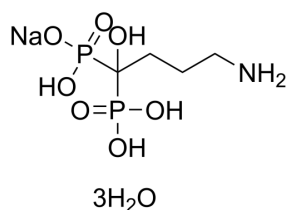
Alendronate (sodium hydrate)

Cat. No.: HY-11101
 CAS No.: 121268-17-5
 Batch No.: 267410
 Chemical Name: Phosphonic acid, P,P'-(4-amino-1-hydroxybutylidene)bis-, sodium salt, hydrate (1:1:3)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_4H_{18}NNaO_{10}P_2$
 Molecular Weight: 325.12
 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

	Specification	Result
Appearance:	White to off-white (Solid)	White (Solid)
1H NMR Spectrum:	Consistent with structure	Consistent with structure
$\omega/\%$:	≥ 97.0	99.6
Structure Identification(1H NMR Spectrum):	Qualified	Qualified
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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