

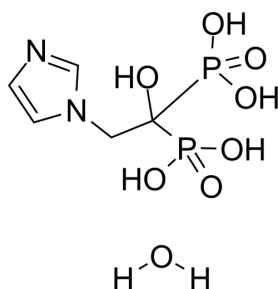
Zoledronic acid (monohydrate)

Cat. No.: HY-13777A
 CAS No.: 165800-06-6
 Batch No.: 11825
 Chemical Name: Phosphonic acid, P,P'-[1-hydroxy-2-(1H-imidazol-1-yl)ethylidene]bis-, hydrate (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_5H_{12}N_2O_8P_2$
 Molecular Weight: 290.10
 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)
 1H NMR Spectrum: Consistent with structure
 Purity (NMR): $\geq 98.0\%$
 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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