

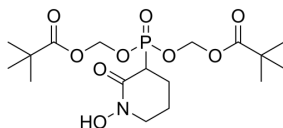
## POMHEX

Cat. No.: HY-131904  
CAS No.: 2004714-34-3  
Batch No.: 105555  
Chemical Name: Propanoic acid, 2,2-dimethyl-, 1,1'-[[[(1-hydroxy-2-oxo-3-piperidinyl)phosphinylidene]bis(oxymethylene)] ester

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>17</sub>H<sub>30</sub>NO<sub>9</sub>P  
Molecular Weight: 423.40  
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 light yellow (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
MS: Consistent with structure  
Purity (LCMS): 99.77%  
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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