

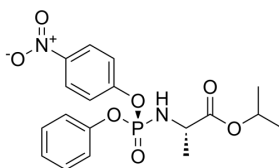
## L-Alanine, N-[(S)-(4-nitrophenoxy)phenoxyphosphinyl]-, 1-methylethyl ester

Cat. No.: HY-79333  
CAS No.: 1256490-31-9  
Batch No.: 13906  
Chemical Name: L-Alanine, N-[(S)-(4-nitrophenoxy)phenoxyphosphinyl]-, 1-methylethyl ester

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>18</sub>H<sub>21</sub>N<sub>2</sub>O<sub>7</sub>P  
Molecular Weight: 408.34  
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)  
<sup>1</sup>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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