

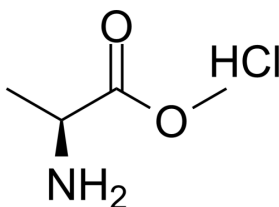
## L-Alanine methyl ester hydrochloride

Cat. No.: HY-I0519  
 CAS No.: 2491-20-5  
 Batch No.: 52304  
 Chemical Name: L-Alanine, methyl ester, hydrochloride (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_4H_9ClNO_2$   
 Molecular Weight: 139.58  
 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

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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