Certificate of Analysis

Methyl 2-amino-3,3,3-trifluoropropanoate hydrochloride

Cat. No.: HY-W050444

CAS No.: 134297-36-2

Batch No.: 402796

Chemical Name: Alanine, 3,3,3-trifluoro-, methyl ester, hydrochloride (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_4H_7ClF_3NO_2$ Molecular Weight:193.55

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:

$$\begin{picture}(20,10) \put(0,0){\line(1,0){100}} \put(0,0){\line(1,0){10$$

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

Purity (NMR): ≥97.0%

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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