

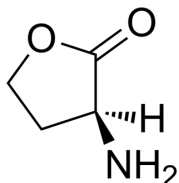
L-Homoserine lactone hydrochloride

Cat. No.: HY-W015800
CAS No.: 2185-03-7
Batch No.: 365720
Chemical Name: 2(3H)-Furanone, 3-aminodihydro-, hydrochloride (1:1), (3S)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₄H₈ClNO₂
Molecular Weight: 137.56
Storage: Powder -20°C 3 years
In solvent -80°C 6 months
-20°C 1 month

Chemical Structure:



HCl

ANALYTICAL DATA

Appearance: White to off-white (Solid)
¹H NMR Spectrum: Consistent with structure
Purity (NMR): ≥97.0%
OR(C=1.00 g/100ml H₂O): -27.6°
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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