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Product Specifications

Catalogue Number	41676
Product	(S)-(-)-α-Amino-γ-butyrolactone hydrochloride (S)-(-)-3-Aminotetrahydrofuran-2-one hydrochloride L-(-)-Homoserine lactone hydrochloride
CAS Number	2185-03-7
Molecular Formula	C ₄ H ₇ NO ₂ •HCl
Molecular Weight	137.56

Warnings	<i>Hygroscopic! Store under inert gas!</i>
Appearance	White to off-white crystalline powder
Solubility	Very faint turbidity in water
Optical Rotation	[α] _{20D} = -28 to -25 ° (C = 0.2 in H ₂ O)
Infrared Spectrum	Conforms to structure
Assay by titration	96.5 - 103.5%
Storage	Store at ≤ -10 °C

For Laboratory Use Only