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Product Specifications

Catalogue Number	05813
Product	L-α-Aminobutyric acid <i>tert</i>-butyl ester hydrochloride L-Abu-OtBu•HCl
CAS Number	53956-05-1
Molecular Formula	C ₈ H ₁₇ NO ₂ •HCl
Molecular Weight	197.7
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Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL Water)
Melting Point	240-245 °C
Optical Rotation	[α] _D ²⁰ = +12 \pm 2° (C=1 in EtOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
¹H NMR	Conforms to structure
Purity by HPLC	\geq 99%
Storage	Store at 0-8 °C

For Laboratory Use Only