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Product Specifications

Catalogue Number	03072
Product	Glycine <i>tert</i>-butyl ester hydrochloride Gly-OtBu•HCl <i>t</i> -Butyl glycinate hydrochloride
CAS Number	27532-96-3
Molecular Formula	C ₆ H ₁₃ NO ₂ •HCl
Molecular Weight	167.6

Appearance	White powder
Solubility	Clear solution (0.3 gram in 2 ml H ₂ O)
Melting Point	128 - 141 °C
Elemental Analysis (Theory)	≤ 5% (C, H, N)
Water Content (Karl Fisher)	≤ 1%
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (70 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Storage	Store at 0 - 8 °C

For Laboratory Use Only