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Product Specifications

Catalogue Number	02677
Product	<i>N</i>-Methyl-<i>L</i>-valine hydrochloride
	N-Me-L-Val-OH•HCl
CAS Number	2480-23-1
Molecular Formula	C ₆ H ₁₃ NO ₂ •HCl
Molecular Weight	167.7

Appearance	White to off-white powder
Solubility	Clear solution (0.1 g in 2 mL Methanol)
Melting Point	175-180 °C
Water Content (Karl Fisher)	≤ 1.0%
Optical Rotation	[α] _D ²⁰ = +33 ± 2° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1.0% (60 °C, 2h)
¹H NMR	Conforms to structure
Assay	≥ 99%
Storage	Store at 0-8 °C

For Laboratory Use Only