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Product Specifications

Catalogue Number	05997
Product	D-Phenylglycine methyl ester hydrochloride D-Phg-OMe•HCl (R)-(-)-2-Aminophenylacetic acid methyl ester hydrochloride
CAS Number	19883-41-1
Molecular Formula	C ₉ H ₁₁ NO ₂ •HCl
Molecular Weight	201.7

Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	180 - 205 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] _D ²⁰ = -132 ± 2 ° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (100 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only