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Product Specifications

Catalogue Number	03127
Product	L-Phenylglycine methyl ester hydrochloride L-Phg-OMe•HCl (S)-(+)-2-Aminophenylacetic acid methyl ester hydrochloride
CAS Number	15028-39-4
Molecular Formula	C ₉ H ₁₁ NO ₂ •HCl
Molecular Weight	201.7
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Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	187-189 °C
Water Content (Karl Fisher)	≤ 1.0%
Optical Rotation	[α] _D ²⁰ = +142.8 ± 2° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1.0% (75 °C, 2 h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Storage	Store at 0-8 °C

For Laboratory Use Only