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Product Specifications

Catalogue Number	02245
Product	Z-D-pyroglutamic acid
	Z-D-Pyr-OH
CAS Number	78339-57-8
Molecular Formula	C ₁₃ H ₁₃ NO ₅
Molecular Weight	263.2

Appearance	White powder
Solubility	Clear, colorless solution (0.3g in 2mL DMF)
Melting Point	138-144 °C
Optical Rotation	[α] _D ²⁴ = +31 ± 2 ° (C=1% in methanol)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to structure
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0-8°C

For Laboratory Use Only