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Product Specifications

Catalogue Number	05630
Product	Benzoyl-DL-phenylalanine Bz-DL-Phe-OH
CAS Number	2901-76-0
Molecular Formula	C ₁₆ H ₁₅ NO ₃
Molecular Weight	269.3

Appearance	White to off-white powder
Solubility	Clear solution (1 mmol in 2 mL DMF)
Melting Point	185.7-190.8 °C
Water Content (Karl Fisher)	≤ 1.0%
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (60 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0-8 °C

For Laboratory Use Only