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Product Specifications

Catalogue Number	06734
Product	Formyl-L-phenylalanine For-L-Phe-OH
CAS Number	13200-85-6
Molecular Formula	C ₁₀ H ₁₁ NO ₃
Molecular Weight	193.22
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Appearance	White powder
Solubility	Clear, colorless solution (50 mg/mL in methanol)
Melting Point	167 - 169 °C
Elemental Analysis (Theory)	C : 62.17 ± 0.5% ; H : 5.74 ± 0.5% ; N : 7.25 ± 0.5%
TLC System	Chloroform/methanol/acetic acid(98-100%)/water : 45/13/1/2 Chloroform/methanol/acetic acid/water : 70/42/0.5/10 Ethylacetate/pyridine/acetic acid/water : 60/20/6/11 Plate : Silicagel 60 F ₂₅₄ Detected by : Ninhydrin, chlorine-tolidine
Optical Rotation	[α] _D ²⁴ = 72 ± 2 ° (C=1 in ethanol)
Purity by TLC	≥ 99%
Storage	Store at 0 - 8 °C

For Laboratory Use Only