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Product Specifications

Catalogue Number	04377
Product	Acetyl-L-methionine amide Ac-L-Met-NH ₂
CAS Number	23361-37-7
Molecular Formula	C ₇ H ₁₄ N ₂ O ₂ S
Molecular Weight	190.27

Appearance	White powder
Solubility	Clear and colorless solution (50 mg/mL in Methanol)
Melting Point	146 - 151 °C
Elemental Analysis (Theory)	C = 44.00 ± 0.5%, H = 7.00 ± 0.5%, N = 14.50 ± 0.5%
TLC System	Chloroform/Methanol/Benzene/Water (8/8/8/1) Chloroform/Methanol/acetic acid (85/10/5) Plate : Silicagel 60 F ₂₅₄ Detected by : Chlorine-tolidine
Optical Rotation	[α] ²⁴ _D = -8 ± 1 ° (C=1 in methanol)
Purity by TLC	≥ 99%
Storage	Store at 0 - 8 °C

For Laboratory Use Only