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Product Specifications

Catalogue Number	50806
Product	7-Methyl-L-tryptophan H-Trp(7-Me)-OH (S)-2-Amino-3-(7-methyl-1H-indol-3-yl)propanoic acid
CAS Number	33468-36-9
Molecular Formula	C ₁₂ H ₁₄ N ₂ O ₂
Molecular Weight	218.26

Appearance	White to off-white powder
Solubility	Clear solution (0.1 g in 6 mL 1N HCl)
Melting Point	268 - 272 °C
Optical Rotation	[α] _D ²⁰ = + 5.0 ± 1.0 ° (C=1 in 1 N HCl)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1.0% (90 °C, 2h)
¹H NMR	Conforms to structure
Chiral HPLC	≥ 99% (ee)
D-Enantiomer	≤ 1%
Purity by HPLC	≥ 99%
Storage	Store at 0 - 8 °C

For Laboratory Use Only