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Product Specifications

Catalogue Number	02693
Product	<i>N</i>^ω-Nitro-L-arginine L-Arg(NO ₂)-OH
CAS Number	2149-70-4
Molecular Formula	C ₆ H ₁₃ N ₅ O ₄
Molecular Weight	219.2

Appearance	White powder or colorless crystals
Solubility	Clear solution (0.3 g in 2 mL 2N HCL)
Melting Point	239 - 245 °C
Elemental Analysis (Theory)	≤ 5% (C, H, N)
Optical Rotation	[α] ²⁰ _D = 22 ± 3 ° (C=2 in 2N HCl)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (105 °C, 2h)
¹H NMR	Conforms to structure
Chiral HPLC	≥ 99.5% (ee)
D-Enantiomer	≤ 0.5%
Purity by HPLC	≥ 99%
Storage	Store at RT

For Laboratory Use Only