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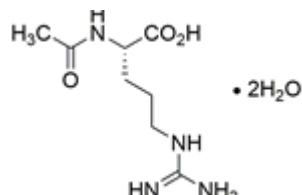
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Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	04335
Product	<i>N</i>^α-Acetyl-L-arginine dihydrate Ac-L-Arg-OH•2H ₂ O
CAS Number	210545-23-6
Molecular Formula	C ₈ H ₁₆ N ₄ O ₃ •2H ₂ O
Molecular Weight	252.27

Appearance	White crystalline powder
Solubility	Clear solution (0.3 g in 2 mL 6N HCl)
Melting Point	259 - 272 °C
Water Content (Karl Fisher)	≤ 15%
Optical Rotation	[α] _D ²⁰ = 10 ± 2 ° (C=2 in H ₂ O)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 2% (80 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only