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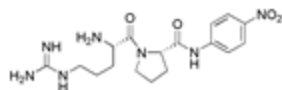
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number	03303
Product	L-Arg-Pro-pNA
	L-Arginyl-L-proline 4-nitroanilide
CAS Number	112898-06-3
Molecular Formula	C ₁₇ H ₂₅ N ₇ O ₄
Molecular Weight	391.43

Appearance	Yellow powder
Solubility	Clear, yellow solution (50 mg/mL in Water)
Elemental Analysis (Theory)	C = 48.62%; H = 6.57%; N = 18.90%
Elemental Analysis (Found)	C = 48.29 ± 0.5%; H = 6.59 ± 0.5%; N = 18.79 ± 0.5%; Calculated as 0.4 H ₂ O x 2 acetic acid
Water Content (Karl Fisher)	≤ 2%
TLC System	n-Butanol/Acetic acid/H ₂ O (4:2:2) Chloroform/Methanol/Acetic acid 32% (15:4:1) Chloroform/Methanol/Acetic acid (90:8:2) Plate: Silica gel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine
Reducing Substances	pNA: ≤ 0.5%
Purity by TLC	≥ 98%
Storage	Store at 0-8 °C
Additional Information	AcOH ≤ 23%

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For Laboratory Use Only