

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

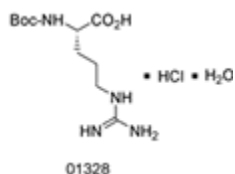
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	01328
Product	<i>N</i>^α-Boc-L-arginine hydrochloride hydrate
	Boc-L-Arg-OH•HCl•H ₂ O
CAS Number	35897-34-8
Molecular Formula	C ₁₁ H ₂₂ N ₄ O ₄ •HCl•H ₂ O
Molecular Weight	328.8
<hr/>	
Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF and 1 mL H ₂ O)
Melting Point	110-127 °C
Water Content (Karl Fisher)	≤ 6%
Optical Rotation	[α] _D ²⁰ = -8 ± 2° (C=1% in H ₂ O)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (40 °C for 2 hours)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Purity by TLC	≥ 98%
Storage	Store at 0-8 °C

For Laboratory Use Only