

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	03800
Product	<i>N^α-Boc-N^ε-Z-L-lysine N-hydroxysuccinimide</i> Boc-L-Lys(Z)-OSu
CAS Number	34404-36-9
Molecular Formula	C ₂₃ H ₃₁ N ₃ O ₈
Molecular Weight	477.5

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	99 - 110 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] ²⁰ _D = -20.5 ± 3 ° (C=1 in Dioxane)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (40 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 96%
Storage	Store at 0 - 8 °C

For Laboratory Use Only