

Chem-Impex International, Inc.

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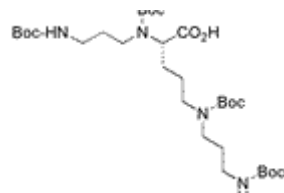
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	22653
Product	tetra-Boc-spermine-5-carboxylic acid Boc4-Sper-COOH <i>N</i> - α,δ -Bis-Boc- <i>N</i> - α,δ -bis(3-Boc-aminopropyl)-L-ornithine
CAS Number	119798-08-2
Molecular Formula	C ₃₁ H ₅₈ N ₄ O ₁₀
Molecular Weight	646.82

Appearance	White solid
Optical Rotation	$[\alpha]_D^{20} = -24.7 \pm 2^\circ$ (C=1 in MeOH)
¹³C NMR	Conforms to structure
¹H NMR	Conforms to structure
Purity	$\geq 97\%$ (NMR)
Storage	Store at 0-8 °C

For Laboratory Use Only