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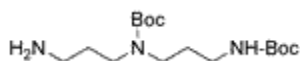
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number 29367

Product **1,5-Bis-Boc-1,5,9-triazanonane**

CAS Number N1,N4-bis-Boc-norspermidine

122248-82-2

Molecular Formula C₁₆H₃₃N₃O₄

Molecular Weight 331.45

Appearance Colorless to yellow oil

TLC System System 1: BuOH/H₂O/AcOH: (4/1/1)
Impurities < 3%
System 2: CHCl₃/MeOH/AcOH (120/10/5)
Impurities < 3%

Analysis by Mass Spectra [M+H]⁺ = 331.45 ± 1

¹³C NMR Conforms to structure

¹H NMR Conforms to structure

Purity by TLC ≥ 97%

Storage Store at 0-8 °C

For Laboratory Use Only