Certificate of Analysis

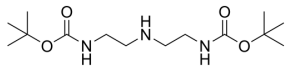
1,7-Bis-Boc-1,4,7-triazaheptane

Cat. No.:	HY-W017829
CAS No.:	117499-16-8
Batch No.:	326605
Chemical Name:	10-Oxa-2,5,8-triazadodecanoic acid, 11,11-dimethyl-9-oxo-, 1,1-dimethylethyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{14}H_{29}N_3O_4$		
Molecular Weight:	**303.40**		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
^{1}H NMR Spectrum:	Consistent with structure
MS:	Consistent with structure
Purity (NMR):	**≥98.0%**
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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