Certificate of Analysis

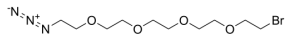
Bromo-PEG4-azide

Cat. No.:	HY-140821
CAS No.:	1951439-37-4
Batch No.:	313438
Chemical Name:	3,6,9,12-Tetraoxatetradecane, 1-azido-14-bromo-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{10}H_{20}BrN_3O_4$		
Molecular Weight:	**326.19**		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance:	Light yellow to yellow (Liquid)
^{1}H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	**99.63%**
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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