RedChemExpress

Certificate of Analysis

Iodoacetamide-PEG5-azide

Cat. No.:	HY-134687
Batch No.:	259277
Chemical Name:	N-(17-Azido-3,6,9,12,15-pentaoxaheptadecyl)-2-iodoacetamide

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{14}H_{27}IN_4O_6$		
Molecular Weight:	474.29		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:

I ~ 0 ~ 0 ~ 0 ~ 0 ~ 0 ~ 0 ~ N⁵N^{*}N

ANALYTICAL DATA

Appearance:	Light yellow to yellow (Liquid)
¹ H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	98.58%
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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