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Certificate of Analysis

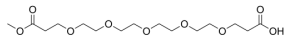
Acid-PEG5-mono-methyl ester

Cat. No.:	HY-140485
CAS No.:	1309460-30-7
Batch No.:	429648
Chemical Name:	4,7,10,13,16-Pentaoxanonadecanedioic acid, 1-methyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{15}H_{28}O_9$		
Molecular Weight:	**352.38**		
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:	Colorless to light yellow (Liquid)
^{1}H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (NMR):	**≥97.0%**
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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