Certificate of Analysis

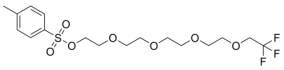
1,1,1-Trifluoroethyl-PEG4-Tos

Cat. No.:	HY-140379
CAS No.:	1872433-61-8
Batch No.:	307558
Chemical Name:	3,6,9,12-Tetraoxatetradecan-1-ol, 14,14,14-trifluoro-, 1-(4-methylbenzenesulfonate)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{17}H_{25}F_3O_7S$		
Molecular Weight:	**430.44**		
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 (Viscous Liquid)
^{1}H NMR Spectrum:	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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