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Certificate of Analysis

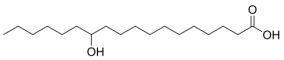
12-Hydroxystearic acid

Cat. No.:	HY-W127329
CAS No.:	106-14-9
Batch No.:	311002
Chemical Name:	Octadecanoic acid, 12-hydroxy-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{18}H_{36}O_3$		
Molecular Weight:	**300.48**		
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 (HPLC):	**99.49%**
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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