Certificate of Analysis

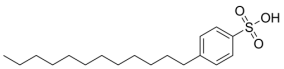
4-Dodecylbenzenesulfonic acid

Cat. No.:	HY-23059
CAS No.:	121-65-3
Batch No.:	31062
Chemical Name:	Benzenesulfonic acid, 4-dodecyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{18}H_{30}O_3S$		
Molecular Weight:	**326.49**		
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 brown (Liquid)
^{1}H NMR Spectrum:	Consistent with structure
Purity (NMR):	**≥95.0%**
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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