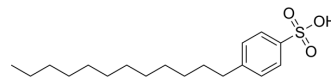


4-Dodecylbenzenesulfonic acid

Cat. No.:	HY-23059	
CAS No.:	121-65-3	
Molecular Formula:	C ₁₈ H ₃₀ O ₃ S	
Molecular Weight:	326.49	
Target:	Biochemical Assay Reagents	
Pathway:	Others	
Storage:	Pure form	-20°C 3 years 4°C 2 years
	In solvent	-80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (306.29 mM)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent	1 mg	5 mg	10 mg
	Concentration			
	1 mM	3.0629 mL	15.3144 mL	30.6288 mL
	5 mM	0.6126 mL	3.0629 mL	6.1258 mL
	10 mM	0.3063 mL	1.5314 mL	3.0629 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

4-Dodecylbenzenesulfonic acid is an organosulfur compound commonly used in various industrial applications. It is usually used as a surfactant, emulsifier and auxiliary agent, etc., and is widely used in lubricants, paints, resins and other fields. In addition, due to its good water solubility and cleaning ability, it can also be used in the preparation of products such as detergents and cleaners.

In Vitro

4-Dodecylbenzenesulfonic acid is a biochemical reagent that can be used as a biological material or organic compound for life science related research.
 MCE has not independently confirmed the accuracy of these methods. They are for reference only.

Caution: Product has not been fully validated for medical applications. For research use only.

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