

4-Dodecylbenzenesulfonic acid

Chemical Properties

CAS No. : 121-65-3

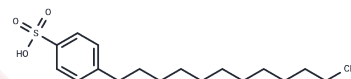
Formula: C₁₈H₃₀O₃S

Molecular Weight: 326.494

Pure form: -20°C for 3 years | In solvent: -80°C for 1

Storage: year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	4-Dodecylbenzenesulfonic acid is an organosulfur compound widely utilized in industrial applications. It serves as a surfactant, emulsifier, and additive, finding extensive use in lubricants, paints, and resins. Additionally, due to its excellent water solubility and cleaning properties, it is employed in the formulation of detergents and cleaners.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
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
50 mM	0.0613 mL	0.3063 mL	0.6126 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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