

## Lithium dodecyl sulfate

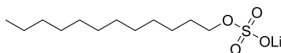
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Cat. No.: HY-W099535  
CAS No.: 2044-56-6  
Batch No.: 254966  
Chemical Name: Sulfuric acid, monododecyl ester, lithium salt (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{12}H_{25}LiO_4S$   
Molecular Weight: 272.33  
Storage: 4°C, sealed storage, away from moisture  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
Purity (NMR): ≥98.0%  
Water(KF): 0.068%  
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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA