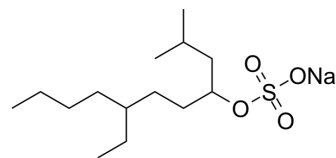


## Sodium tetradecyl sulfate

<b>Cat. No.:</b>	HY-A0199
<b>CAS No.:</b>	139-88-8
<b>Molecular Formula:</b>	C <sub>14</sub> H <sub>29</sub> NaO <sub>4</sub> S
<b>Molecular Weight:</b>	316.43
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### SOLVENT & SOLUBILITY

#### In Vitro

H<sub>2</sub>O : 62.5 mg/mL (197.52 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	3.1603 mL	15.8013 mL	31.6026 mL
	5 mM	0.6321 mL	3.1603 mL	6.3205 mL
	10 mM	0.3160 mL	1.5801 mL	3.1603 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Sodium tetradecyl sulfate (Tergitol 4) is a sclerosing agent used for the research of varicose veins<sup>[1][2]</sup>.

### REFERENCES

[1]. Jenkinson HA, et al. Sodium Tetradecyl Sulfate: A Review of Clinical Uses. *Dermatol Surg.* 2017;43(11):1313-1320.

[2]. Park SH, et al. Sodium Tetradecyl Sulfate-Induced Acute Allergic Interstitial Nephritis. *Cardiovasc Intervent Radiol.* 2017;40(7):1125-1128.

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

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