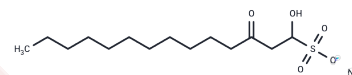


Sodium lauryl sulfoacetate

Chemical Properties

CAS No. :	1847-58-1
Formula:	C ₁₄ H ₂₇ NaO ₅ S
Molecular Weight:	330.4
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Sodium lauryl sulfoacetate (Sodium houthuyfonate) is anti-pseudomonas agents, inhibits virulence-related motility of Pseudomonas.
Targets(IC50)	NF-κB,MAPK,HSV

Solubility Information

Solubility	DMSO: 45 mg/mL (136.2 mM),Sonication and heating to 60°C are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0266 mL	15.1332 mL	30.2663 mL
5 mM	0.6053 mL	3.0266 mL	6.0533 mL
10 mM	0.3027 mL	1.5133 mL	3.0266 mL
50 mM	0.0605 mL	0.3027 mL	0.6053 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.

Reference

- Wu DQ, et al. Exp Ther Med. 2015 Aug;10(2):753-758.
 Wu DQ, et al. Zhongguo Zhong Yao Za Zhi. 2015 Apr;40(8):1585-8.
 Zhu Q, et al. Res Vet Sci. 2015 Jun;100:245-51.

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