

## Decane, 1,1'-thiobis-

## Chemical Properties

CAS No. : 693-83-4

Formula: C<sub>20</sub>H<sub>42</sub>S

Molecular Weight: 314.61

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	Decane, 1,1'-thiobis- is a biochemical.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1785 mL	15.8927 mL	31.7854 mL
5 mM	0.6357 mL	3.1785 mL	6.3571 mL
10 mM	0.3179 mL	1.5893 mL	3.1785 mL
50 mM	0.0636 mL	0.3179 mL	0.6357 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

Jantafong T, Ruenphet S, Punyadarsaniya D, Takehara K. The study of effect of didecyl dimethyl ammonium bromide on bacterial and viral decontamination for biosecurity in the animal farm. Vet World. 2018 May;11(5): 706-711. doi: 10.14202/vetworld.2018.706-711. Epub 2018 May 27. PubMed PMID: 29915512; PubMed Central PMCID: PMC5993774.

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