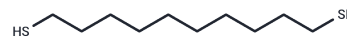


## Decane-1,10-dithiol

## Chemical Properties

CAS No. :	1191-67-9
Formula:	C <sub>10</sub> H <sub>22</sub> S <sub>2</sub>
Molecular Weight:	206.41
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-1,10-dithiol is used as an important raw material and intermediate in organic synthesis, agrochemicals and pharmaceuticals.
Targets(IC50)	Others

## Solubility Information

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

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8447 mL	24.2236 mL	48.4473 mL
5 mM	0.9689 mL	4.8447 mL	9.6895 mL
10 mM	0.4845 mL	2.4224 mL	4.8447 mL
50 mM	0.0969 mL	0.4845 mL	0.9689 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

Viswanathan A, Zhurina A, Assoah B, Paakkunainen A, Musa A, Kute D, Saravanan KM, Yli-Harja O, Candeias NR, Kandhavelu M. Decane-1,2-diol derivatives as potential antitumor agents for the treatment of glioblastoma. *Eur J Pharmacol.* 2018 Oct 15;837:105-116. doi: 10.1016/j.ejphar.2018.08.041. Epub 2018 Sep 1. PubMed PMID: 30179612.

Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006-. Available from <http://www.ncbi.nlm.nih.gov/books/NBK501735/> PubMed PMID: 30000794.

Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006-. Available from <http://www.ncbi.nlm.nih.gov/books/NBK501021/> PubMed PMID: 30000080.

Grechkin AN, Ogorodnikova AV, Egorova AM, Mukhitova FK, Ilyina TM, Khairutdinov BI. Allene Oxide Synthase Pathway in Cereal Roots: Detection of Novel Oxylin Graminoxins. *ChemistryOpen.* 2018 May 2;7(5):336-343. doi: 10.1002/open.201800045. eCollection 2018 May. PubMed PMID: 29744285; PubMed Central PMCID: PMC5931542.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481