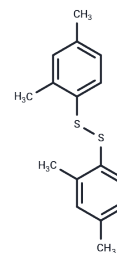


## Xylyl disulfide

## Chemical Properties

CAS No. :	27080-90-6
Formula:	C <sub>16</sub> H <sub>18</sub> S <sub>2</sub>
Molecular Weight:	274.44
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	Xylyl disulfide is an agent of 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	3.6438 mL	18.2189 mL	36.4378 mL
5 mM	0.7288 mL	3.6438 mL	7.2876 mL
10 mM	0.3644 mL	1.8219 mL	3.6438 mL
50 mM	0.0729 mL	0.3644 mL	0.7288 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

Collins MS, Carnes ME, Sather AC, Berryman OB, Zakharov LN, Teat SJ, Johnson DW. Pnictogen-directed synthesis of discrete disulfide macrocycles. Chem Commun (Camb). 2013 Jul 28;49(59):6599-601. doi: 10.1039/c3cc43524e. PubMed PMID: 23770675.

Srivastava PK, Field L, Grenan MM. Organic disulfides and related substances. 38. Some disulfide and trisulfide sulfinate salts as antiradiation drugs. J Med Chem. 1975 Aug;18(8):798-802. PubMed PMID: 1159696.

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