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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Diallyl disulfide

Chemical Properties

CAS No. : 2179-57-9

Formula: C₆H₁₀S₂

Molecular Weight: 146.27

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Diallyl disulfide has antitumor effect, the effect can be enhanced by miR-200b and miR-22.
Targets(IC50)	IL Receptor,NOS,NF-κB

Solubility Information

Solubility	DMSO: 7.31 mg/mL (50 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.8367 mL	34.1834 mL	68.3667 mL
5 mM	1.3673 mL	6.8367 mL	13.6733 mL
10 mM	0.6837 mL	3.4183 mL	6.8367 mL
50 mM	0.1367 mL	0.6837 mL	1.3673 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.

Reference

Diallyl-disulfide, an organosulfur compound of garlic, attenuates airway inflammation via activation of the Nrf-2/HO-1 pathway and NF-kappaB suppression. Food Chem Toxicol. 2013 Dec;62:506-13.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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