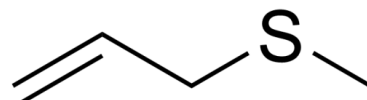


Data Sheet

Product Name:	Allyl methyl sulfide
Cat. No.:	CS-0099196
CAS No.:	10152-76-8
Molecular Formula:	C ₄ H ₈ S
Molecular Weight:	88.17
Target:	Bacterial; Endogenous Metabolite
Pathway:	Anti-infection; Metabolic Enzyme/Protease
Solubility:	DMSO : 100 mg/mL (1134.17 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

Allyl methyl sulfide is a bioactive organosulfur compound found in garlic. Allyl methyl sulfide exhibits antibacterial, antioxidant and anticancer properties^[1].

References:

[1]. Sujithra K, et al. Allyl methyl sulfide, an organosulfur compound alleviates hyperglycemia mediated hepatic oxidativestress and inflammation in streptozotocin - induced experimental rats. Biomed Pharmacother. 2018 Nov;107:292-302.

CAIndexNames:

1-Propene, 3-(methylthio)-

SMILES:

C=CCSC

Caution: Product has not been fully validated for medical applications. For research use only.

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