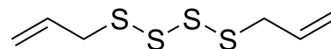


Diallyl tetrasulfide

Cat. No.:	HY-N9515
CAS No.:	2444-49-7
Molecular Formula:	C ₆ H ₁₀ S ₄
Molecular Weight:	210.4
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Diallyl tetrasulfide is an orally active diallyl polysulfide that can be isolated from garlic. Diallyl tetrasulfide has high activities to inhibit lipid peroxidation. Diallyl tetrasulfide possesses cytoprotective and antioxidant activities against cadmium-induced cytotoxicity^{[1][2]}.

REFERENCES

- [1]. Horie T, et al. Identified diallyl polysulfides from an aged garlic extract which protects the membranes from lipid peroxidation. *Planta Med.* 1992 Oct;58(5):468-9.
- [2]. Pari L, et al. Diallyl tetrasulfide improves cadmium induced alterations of acetylcholinesterase, ATPases and oxidative stress in brain of rats. *Toxicology.* 2007 May 5;234(1-2):44-50.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA