# Data Sheet (Cat.No.T1285)



## Anethole trithione

#### **Chemical Properties**

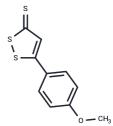
CAS No.: 532-11-6

Formula: C10H8OS3

Molecular Weight: 240.36

Appearance: no data available

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



## **Biological Description**

Description	Anethole trithione (Anetholtrithion) is a bile secretion-stimulating drug that restores salivation and relieves the discomfort of dry mouth in chemotherapy-induced xerostomia.
Targets(IC50)	Others, AChR

### **Solubility Information**

Solubility DMSO: 50 mg/mL (208.03 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)	Sc
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# **Preparing Stock Solutions**

	1mg	5mg	10mg
1 mM	4.1604 mL	20.8021 mL	41.6043 mL
5 mM	0.8321 mL	4.1604 mL	8.3209 mL
10 mM	0.416 mL	2.0802 mL	4.1604 mL
50 mM	0.0832 mL	0.416 mL	0.8321 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

Cheng K, Liu B, Zhang X S, et al. Biomimetic material degradation for synergistic enhanced therapy by regulating endogenous energy metabolism imaging under hypothermia. Nature Communications. 2022, 13(1): 1-18

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