**Product datasheet**

**Anethole trithione ab143573**

**Overview**

**Product name**  
Anethole trithione

**Description**  
Antitumor agent. Oltipraz analog.

**Biological description**  
Antitumor agent. Oltipraz (ab141957) analog. Lowers homocysteine and raises glutathione tissue levels. Promotes bile secretion, shows hepatoprotective and antitumor effects *in vivo*. Orally active.

**Purity**  
> 98%

**Properties**

**Chemical name**  
5-(4-Methoxyphenyl)dithiole-3-thione

**Molecular weight**  
240.36

**Chemical structure**

![Chemical structure](image)

**Molecular formula**  
C₁₀H₈OS₃

**CAS Number**  
532-11-6

**PubChem identifier**  
2194

**Storage instructions**  
Store at +4°C. The product can be stored for up to 12 months.

**Solubility overview**  
Soluble in DMSO to 10 mM

**Handling**

Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions (FAQ) page](#) for more details.

**SMILES**  
COC1=CC=C(C=C1)C2=CC(=S)SS2

**Source**  
Synthetic

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**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE, NOT FOR USE IN HUMANS"
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- Replacement or refund for products not performing as stated on the datasheet
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- We investigate all quality concerns to ensure our products perform to the highest standards

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