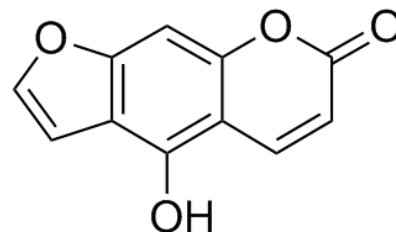


**Product Name** : Bergaptol  
**Cat. No.** : PC-45969  
**CAS No.** : 486-60-2  
**Molecular Formula** : C<sub>11</sub>H<sub>6</sub>O<sub>4</sub>  
**Molecular Weight** : 202.1629  
**Target** : Cytochrome P450 (CYPs)  
**Solubility** : DMSO: < 2.1 mg/mL



### Biological Activity

Bergaptol is a natural furanocoumarin that is found to be a potent inhibitor of debenzoylation activity of **CYP3A4** enzyme with IC<sub>50</sub> of 24.92 μM.

Bergaptol shows very good radical scavenging activity.

### References

Girennavar B, et al. *Bioorg Med Chem.* 2007 Jun 1;15(11):3684-91.

Messer A, et al. *Food Chem Toxicol.* 2012 Mar;50(3-4):756-60.

Uesawa Y, et al. *Pharmazie.* 2011 Jul;66(7):525-8.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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