

## Product Information

### Cytochrome P450 inhibitor, Bergaptol, Purity $\geq 98\%$

**Cat. No.:** X24-08-YM392

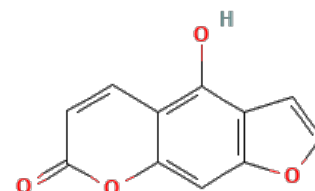
**Size:** 500 mg; 1 g; 2 g; 5 g

**MDL:** MFCD00210479

**CAS Number:** 486-60-2

**Compound CID:** 5280371

**Synonym:** 486-60-2; 5-Hydroxypsoralen; 4-Hydroxybergapten;  
4-Hydroxyfuro[3,2-g]chromen-7-one



**This product is for research use only and is not intended for diagnostic use.**

#### Product Information

<b>Description</b>	Bergaptol, soluble in DMSO, is an effective cell metabolism inhibitor, that has the ability to prevent the pathway of metabolism by inhibiting cytochrome P450.
<b>Molecular Weight</b>	202.16
<b>Molecular Formula</b>	C <sub>11</sub> H <sub>6</sub> O <sub>4</sub>
<b>IUPAC Name</b>	4-Hydroxyfuro[3,2-g]chromen-7-one
<b>InChI</b>	InChI=1S/C11H6O4/c12-10-2-1-6-9(15-10)5-8-7(11(6)13)3-4-14-8/h1-5,13H
<b>InChI Key</b>	ATNGVPCHSCNOMP-UHFFFAOYSA-N
<b>Canonical SMILES</b>	CC1=C(C=NC=C1)CN2CCC3=C(C2)SC4=C3C=C(C=C4)F
<b>Form</b>	Lyophilized powder
<b>Purity</b>	$\geq 98\%$
<b>Titer</b>	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects
<b>Solubility</b>	<i>In vitro</i> : DMSO: 38 mg/mL (187.97 mM)
<b>Stability</b>	In its lyophilized form, the chemical remains stable for 36 months.
<b>Quality Level</b>	Research grade
<b>Applications</b>	Bergaptol is a metabolism inhibitor that can be used for its possible benefits in treating oxidative stress-related conditions.
<b>Storage</b>	Store at -20°C, and keep desiccated.