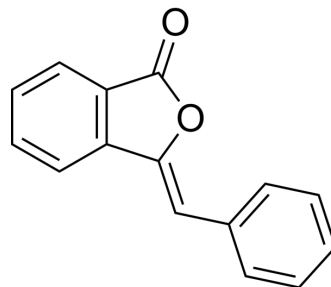


## Benzalphthalide

Cat. No.:	HY-118659
CAS No.:	575-61-1
Molecular Formula:	C <sub>15</sub> H <sub>10</sub> O <sub>2</sub>
Molecular Weight:	222.24
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (224.98 mM); ultrasonic and warming and heat to 60°C				
		Solvent Concentration	Mass		
	Preparing Stock Solutions		1 mg	5 mg	10 mg
		1 mM	4.4996 mL	22.4982 mL	44.9964 mL
		5 mM	0.8999 mL	4.4996 mL	8.9993 mL
	10 mM	0.4500 mL	2.2498 mL	4.4996 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (11.25 mM); Clear solution				

### BIOLOGICAL ACTIVITY

Description	Benzalphthalide (3-Benzylidenephthalide), a phthalate compound, is an insecticide <sup>[1]</sup> .
-------------	--

### REFERENCES

[1]. S H Ganji, et al. Bacterial degradation of benzalphthalide. World J Microbiol Biotechnol. 1992 May;8(3):324-5.

**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