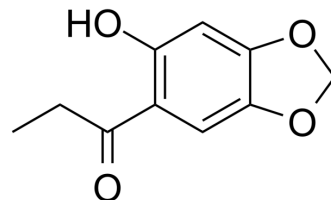


## Kakuol

Cat. No.:	HY-N2446
CAS No.:	18607-90-4
Molecular Formula:	C <sub>10</sub> H <sub>10</sub> O <sub>4</sub>
Molecular Weight:	194.18
Target:	Fungal
Pathway:	Anti-infection
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (514.99 mM; Need ultrasonic)				
	Preparing Stock Solutions	Concentration	1 mg	5 mg	10 mg
		1 mM	5.1499 mL	25.7493 mL	51.4986 mL
		5 mM	1.0300 mL	5.1499 mL	10.2997 mL
		10 mM	0.5150 mL	2.5749 mL	5.1499 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 (12.87 mM); Clear solution				

### BIOLOGICAL ACTIVITY

Description	Kakuol is a natural compound with antifungal activity <sup>[1]</sup> .
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### REFERENCES

[1]. Lee JY, et al. Isolation and antifungal activity of kakuol, a propiophenone derivative from *Asarum sieboldii* rhizome. *Pest Manag Sci.* 2005 Aug;61(8):821-5.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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