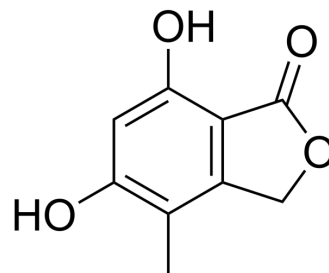


## 5,7-Dihydroxy-4-methylphthalide

Cat. No.:	HY-108416		
CAS No.:	27979-57-3		
Molecular Formula:	C <sub>9</sub> H <sub>8</sub> O <sub>4</sub>		
Molecular Weight:	180.16		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (555.06 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	5.5506 mL	27.7531 mL	55.5062 mL
	5 mM	1.1101 mL	5.5506 mL	11.1012 mL
	10 mM	0.5551 mL	2.7753 mL	5.5506 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

5,7-Dihydroxy-4-methylphthalide is a key intermediate in the synthesis of Mycophenolic acid and a secondary metabolite of *Aspergillus flavus*<sup>[1]</sup>.

### REFERENCES

[1]. Sergio Auricchio, et al. New synthesis of 5,7-dihydroxy-4-methylphthalide, a key intermediate in the synthesis of mycophenolic acid. *J Org Chem.* 1983 Feb 1; 48 (4), 602-604.

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

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