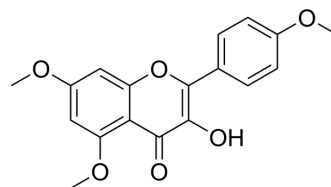


## 3-Hydroxy-5,7,4'-trimethoxyflavone

<b>Cat. No.:</b>	HY-N3432		
<b>CAS No.:</b>	1098-92-6		
<b>Molecular Formula:</b>	C <sub>18</sub> H <sub>16</sub> O <sub>6</sub>		
<b>Molecular Weight:</b>	328.32		
<b>Target:</b>	Others		
<b>Pathway:</b>	Others		
<b>Storage:</b>	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 (304.58 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	3.0458 mL	15.2290 mL	30.4581 mL
5 mM	0.6092 mL	3.0458 mL	6.0916 mL
10 mM	0.3046 mL	1.5229 mL	3.0458 mL

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

#### In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline  
Solubility: 2.5 mg/mL (7.61 mM); Suspended solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: 2.5 mg/mL (7.61 mM); Clear solution; Need ultrasonic

### BIOLOGICAL ACTIVITY

#### Description

3-Hydroxy-5,7,4'-trimethoxyflavone is a flavonol can be isolated from *Cucubalus baccifer* (L.)<sup>[1]</sup>.

### REFERENCES

- [1]. Yu Q L, et al. 3-Hydroxy-5, 7, 4'-trimethoxyflavone monohydrate from *Cucubalus baccifer* (L.)[J]. Acta Crystallographica Section E: Structure Reports Online, 2006, 62(7): o2910-o2911.

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

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