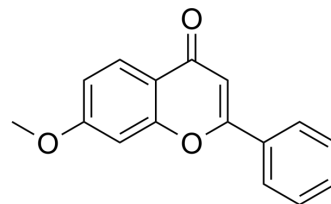


## 7-Methoxyflavone

Cat. No.:	HY-N8487
CAS No.:	22395-22-8
Molecular Formula:	C <sub>16</sub> H <sub>12</sub> O <sub>3</sub>
Molecular Weight:	252.26
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 (396.42 mM; Need ultrasonic)					
	Preparing Stock Solutions	<div><div>Solvent</div><div>Concentration</div></div>	Mass	1 mg	5 mg	10 mg
		1 mM		3.9642 mL	19.8208 mL	39.6416 mL
		5 mM		0.7928 mL	3.9642 mL	7.9283 mL
		10 mM		0.3964 mL	1.9821 mL	3.9642 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (9.91 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (9.91 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (9.91 mM); Clear solution					

### BIOLOGICAL ACTIVITY

Description	<p>7-Methoxyflavone is a compound isolated from <i>Zornia brasiliensis</i>. 7-Methoxyflavone has peripheral antinociceptive activity. 7-Methoxyflavone inhibits paw-licking time in the neurogenic phase of the formalin pain response (65.6%) and did not decrease the nociceptive response in the inflammatory phase<sup>[1]</sup>.</p>
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### REFERENCES

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

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