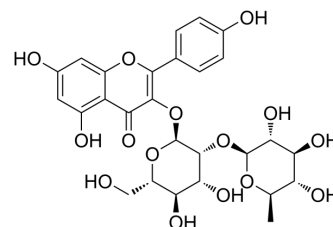


## Kaempferol-3-O-glucorhamnoside

Cat. No.:	HY-N0208
CAS No.:	40437-72-7
Molecular Formula:	C <sub>27</sub> H <sub>30</sub> O <sub>15</sub>
Molecular Weight:	594.52
Target:	p38 MAPK; NF-κB
Pathway:	MAPK/ERK Pathway; NF-κB
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

#### In Vitro

H<sub>2</sub>O : 100 mg/mL (168.20 mM; Need ultrasonic)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	1.6820 mL	8.4101 mL	16.8203 mL	
5 mM	0.3364 mL	1.6820 mL	3.3641 mL	
10 mM	0.1682 mL	0.8410 mL	1.6820 mL	

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

### BIOLOGICAL ACTIVITY

#### Description

Kaempferol-3-O-glucorhamnoside, a flavonoid derived from plant *Thesium chinense* Turcz, inhibits inflammatory responses via MAPK and NF-κB pathways in vitro and in vivo<sup>[1]</sup>.

### REFERENCES

[1]. Sun Z, et al. Kaempferol-3-O-glucorhamnoside inhibits inflammatory responses via MAPK and NF-κB pathways in vitro and in vivo. *Toxicol Appl Pharmacol.* 2019 Feb 1;364:22-28.

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

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