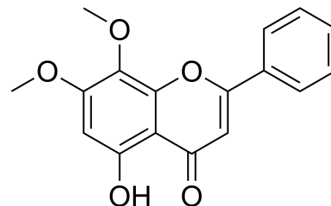


Moslosooflavone

Cat. No.:	HY-N2035
CAS No.:	3570-62-5
Molecular Formula:	C ₁₇ H ₁₄ O ₅
Molecular Weight:	298.29
Target:	Reactive Oxygen Species
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease; 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

DMSO : 10 mg/mL (33.52 mM; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	3.3524 mL	16.7622 mL	33.5244 mL
	5 mM	0.6705 mL	3.3524 mL	6.7049 mL
	10 mM	0.3352 mL	1.6762 mL	3.3524 mL

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

BIOLOGICAL ACTIVITY

Description

Moslosooflavone is a flavonoid isolated from *Andrographis paniculata*. Moslosooflavone has an anti-hypoxia and anti-inflammatory activities^[1].

In Vitro

Moslosooflavone can significantly inhibits the transcriptional activity of NF-kappaB in LPS/IFN-gamma stimulated RAW 264.7 macrophages^[2].

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Jing LL, et al. Chemical Constituents with Anti-hypoxia Activity from *Saussurea involucreata*. *Zhong Yao Cai*. 2015 Jan;38(1):89-92.
- [2]. Chao WW, et al. Anti-inflammatory activity of new compounds from *Andrographis paniculata* by NF-kappaB transactivation inhibition. *J Agric Food Chem*. 2010 Feb 24;58(4):2505-12.
- [3]. Lin-lin Jing, et al. Chemical Constituents with Anti-hypoxia Activity from *Saussurea involucreata*. *Zhong Yao Cai*. 2015 Jan;38(1):89-92.

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

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