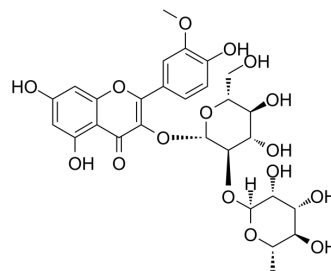


Isorhamnetin-3-O-neohesperidoside

Cat. No.:	HY-N0778
CAS No.:	55033-90-4
Molecular Formula:	C ₂₈ H ₃₂ O ₁₆
Molecular Weight:	624.54
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 250 mg/mL (400.29 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	1.6012 mL	8.0059 mL	16.0118 mL
				5 mM	0.3202 mL	1.6012 mL	3.2024 mL
				10 mM	0.1601 mL	0.8006 mL	1.6012 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: ≥ 2.08 mg/mL (3.33 mM); Clear solution						
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (3.33 mM); Clear solution						
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (3.33 mM); Clear solution						

BIOLOGICAL ACTIVITY

Description	Isorhamnetin-3-O-neohesperidoside is a flavonoid isolated from <i>Typha angustifolia</i> ^[1] .
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REFERENCES

[1]. Wang X, et al. A rapid and efficient extraction method based on industrial MCM-41-miniaturized matrix solid-phase dispersion extraction with response surface methodology for simultaneous quantification of six flavonoids in Pollen typhae by ultra-high-performance liquid chromatography. J Sep Sci. 2019 Jul;42(14):2426-2434.

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

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