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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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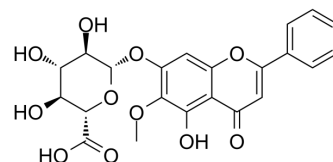
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Oroxylin A-7-O-glucuronide

Cat. No.:	HY-N2481
CAS No.:	36948-76-2
Molecular Formula:	C ₂₂ H ₂₀ O ₁₁
Molecular Weight:	460.39
Target:	Prolyl Endopeptidase (PREP)
Pathway:	Metabolic Enzyme/Protease
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 : 50 mg/mL (108.60 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		2.1721 mL	10.8604 mL	21.7207 mL
		5 mM		0.4344 mL	2.1721 mL	4.3441 mL
		10 mM		0.2172 mL	1.0860 mL	2.1721 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 (4.52 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (4.52 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Oroxylin A-7-O-glucuronide (Oroxyloside; Oroxylin A-7-O-β-D-glucuronide) is a flavonoid glucuronide isolated from the dried root of <i>Scutellaria baicalensis</i> , with prolyl oligopeptidase (POP) inhibitory activity ^[1] .
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REFERENCES

[1]. Marques MR, et al. Flavonoids with prolyl oligopeptidase inhibitory activity isolated from *Scutellaria racemosa* Pers. *Fitoterapia*. 2010 Sep;81(6):552-6.

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

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