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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Oroxylin A-7-O-glucuronide

Chemical Properties

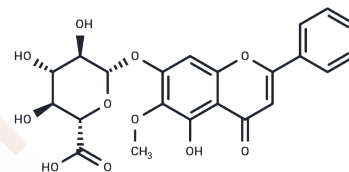
CAS No. : 36948-76-2

Formula: C₂₂H₂₀O₁₁

Molecular Weight: 460.39

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Oroxylin A-7-O-glucuronide (Oroxylin A Glucoronide) and wogonoside should also be served as the chemical markers together with baicalin for the quality control of herbs and proprietary traditional Chinese medicine (PTCM) products of radix Scutellariae. Oroxylin A 7-O-glucuronide, Oroxin A, and Oroxin B can bind to the "stem" region of α -hemolysin (α -HL), when inhibiting the hemolytic activity of α -HL. Oroxylin A 7-O-glucuronide and 4', 5, 7-trihydroxy-6-methoxyflavone at a concentration of 100 microM inhibit 34 and 43% of total prolyl oligopeptidase (POP) activity, respectively.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 60 mg/mL (130.32 mM) Ethanol: Soluble, Pyridine, Methanol, etc.: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
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	1.086 mL	2.1721 mL
50 mM	0.0434 mL	0.2172 mL	0.4344 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Zhou XQ., et al. Flavonoids from Scutellaria baicalensis and their bioactivities.

Li C., et al. Contents of major bioactive flavones in proprietary traditional Chinese medicine products and reference

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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