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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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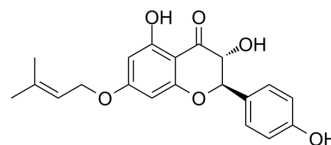
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7-Prenyloxymarandrin

Cat. No.:	HY-N7611
CAS No.:	78876-50-3
Molecular Formula:	C ₂₀ H ₂₀ O ₆
Molecular Weight:	356.37
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description	7-Prenyloxymarandrin is a flavonoid from <i>Pterocaulon alopecuroides</i> with antitumor activity. 7-Prenyloxymarandrin shows good antiproliferative activity in tumor cell lines ^{[1][2]} .
In Vitro	7-Prenyloxymarandrin (compound 5) shows antiproliferative activity with GI ₅₀ values in the range 16-20 μM in A549, HBL-100, HeLa, SW1573, T-47D cells ^[2] . 7-Prenyloxymarandrin (compound 5) is inactive on <i>B. subtilis</i> and <i>B. cereus</i> (there is no zone of inhibition at the concentration of 50 μg/disk) ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Rosana Alarcón, et al. Flavonoids from *Pterocaulon alopecuroides* with antibacterial activity. *Planta Med.* 2008 Oct;74(12):1463-7.
- [2]. Quirico A Castillo, et al. Secondary Metabolites from *Pterocaulon alopecuroides* and their Antiproliferative Activities. *Pharmacognosy Journal*,2019,11,3,493-495.

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

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