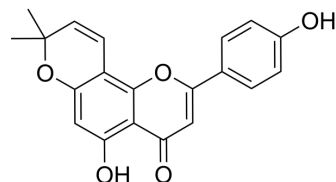


Limonianin

Cat. No.:	HY-N2906
CAS No.:	119309-02-3
Molecular Formula:	C ₂₀ H ₁₆ O ₅
Molecular Weight:	336.34
Target:	Parasite
Pathway:	Anti-infection
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description

Limonianin (Atalantoflavone) is a flavone, that can be isolated from *Erythrina sigmoidea* and the root bark of *Citrus limonia*. Limonianin presents inhibitory effect against *P. gingivalis*. Limonianin shows cytotoxic activity against multidrug-resistant (MDR) cancer cell lines^{[1][2]}.

REFERENCES

- [1]. Posri P, et al. A new flavonoid from the leaves of *Atalantia monophylla* (L.) DC. *Nat Prod Res.* 2019 Apr;33(8):1115-1121.
- [2]. Niquini, et al. On the conformation, molecular interactions and electron density of a natural flavonoid derivative. *Journal of Molecular Structure*, 2020, 1220(1).

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

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