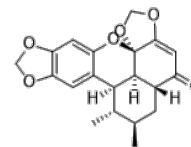


**Product Name** : Sauchinone  
**Cat. No.** : PC-24477  
**CAS No.** : 177931-17-8  
**Molecular Formula** : C<sub>20</sub>H<sub>20</sub>O<sub>6</sub>  
**Molecular Weight** : 356.37  
**Target** : TGR5 (GPCR19, GPR131, GPBAR1)  
**Solubility** : 10 mM in DMSO



### Biological Activity

Sauchinone is a diastereomeric lignan isolated from *Saururus chinensis* with anti-inflammatory and antioxidant activity, inhibits LPS-inducible iNOS, TNF- $\alpha$  and COX-2 expression through suppression of I- $\kappa$ B $\alpha$  phosphorylation and p65 nuclear translocation, also is a novel TGR5 agonist.

### References

- Lee AK, et al. Br J Pharmacol. 2003 May;139(1):11-20.  
Wang HY, et al. J Adv Res. 2025 Apr 22:S2090-1232(25)00278-4.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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