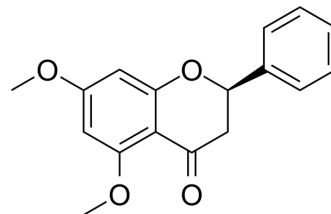


(R)-5,7-Dimethoxyflavanone

Cat. No.:	HY-N5054
CAS No.:	1277188-85-8
Molecular Formula:	C ₁₇ H ₁₆ O ₄
Molecular Weight:	284.31
Target:	TNF Receptor
Pathway:	Apoptosis
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



BIOLOGICAL ACTIVITY

Description

(R)-5,7-Dimethoxyflavanone shows potent antimutagenic activity against MeIQ mutagenesis in Ames test using the *S. typhimurium* TA100 and TA98 strains^[1]. And (R)-5,7-Dimethoxyflavanone significantly and dose-dependently inhibits the inflammatory mediato^[1].

REFERENCES

- [1]. Okuno Y, Marumoto S, Miyazawa M. Antimutagenic activity of flavonoids from Sozuku. *Nat Prod Res.* 2019;33(6):862-865.
- [2]. Rao YK, Fang SH, Tzeng YM. Anti-inflammatory activities of flavonoids isolated from *Caesalpinia pulcherrima*. *J Ethnopharmacol.* 2005;100(3):249-253.

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

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