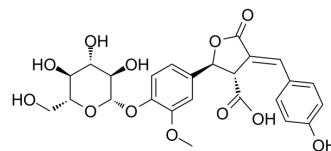


Anti-inflammatory agent 30

Cat. No.:	HY-N10436
CAS No.:	2573174-21-5
Molecular Formula:	C ₂₅ H ₂₆ O ₁₂
Molecular Weight:	518.47
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Anti-inflammatory agent 30 (Compound 5) is an anti-inflammatory agent with hepatoprotective activity ^[1] .
IC ₅₀ & Target	NO ^[1]
In Vitro	Anti-inflammatory agent 30 (Compound 5) (10 μM) displays excellent inhibition of NO with 84.87 ± 3.51% in LPS-stimulated RAW 264.7 cells ^[1] . Anti-inflammatory agent 30 (10 μM) exhibits great hepatoprotective activity with acetaminophen-induced cell survival rate of 71.76 ± 3.13% ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Yuan X, et al. Chemical constituents of Ligusticum chuanxiong and their anti-inflammation and hepatoprotective activities. Bioorg Chem. 2020 Aug;101:104016.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA