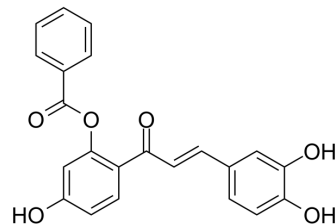


Anti-inflammatory agent 22

Cat. No.:	HY-146435
CAS No.:	2721484-76-8
Molecular Formula:	C ₂₂ H ₁₆ O ₆
Molecular Weight:	376.36
Target:	TNF Receptor
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Anti-inflammatory agent 22 (compound 14a) is an orally active anti-inflammatory agent. Anti-inflammatory agent 22 inhibits LPS-induced TNF- α production with an IC ₅₀ value of 14.6 μ M. Anti-inflammatory agent 22 has preventive effects on lymphedematous tissue via suppression of adipogenesis. Anti-inflammatory agent 22 suppresses limb lymphedema volume in mice ^[1] .
IC ₅₀ & Target	TNF- α 14.6 μ M (IC ₅₀)

REFERENCES

[1]. Roh K, et al. Synthesis and evaluation of butein derivatives for in vitro and in vivo inflammatory response suppression in lymphedema. *Eur J Med Chem.* 2020;197:112280.

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

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