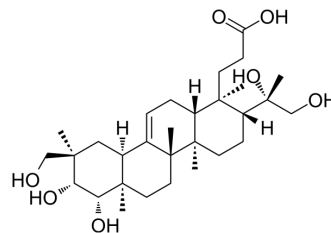


Anti-inflammatory agent 19

Cat. No.:	HY-143457
CAS No.:	2873386-63-9
Molecular Formula:	C ₃₀ H ₅₀ O ₇
Molecular Weight:	522.71
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Anti-inflammatory agent 19 (compound 2b) shows NO inhibitory activity, with an IC ₅₀ of 36.00 μM. Anti-inflammatory agent 19 inhibits HMGB1-induced later inflammation. Anti-inflammatory agent 19 can be used for the research of later inflammation diseases such as coronavirus diseases (COVID-19) and sepsis, etc ^[1] .
IC ₅₀ & Target	IC ₅₀ : 36.00 μM (NO) ^[1]

REFERENCES

[1]. Zhu Y, et al. Microbial transformation of pentacyclic triterpenes for anti-inflammatory agents on the HMGB1 stimulated RAW 264.7 cells by Streptomyces olivaceus CICC 23628. Bioorg Med Chem. 2021 Dec 15;52:116494.

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

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