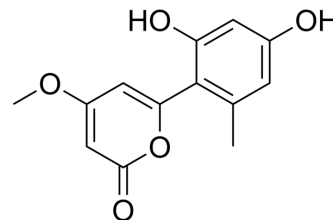


Aloenin aglycone

Cat. No.:	HY-N11996
CAS No.:	59163-53-0
Molecular Formula:	C ₁₃ H ₁₂ O ₅
Molecular Weight:	248.23
Target:	NO Synthase; NF-κB
Pathway:	Immunology/Inflammation; NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Aloenin aglycone (compound 13) is an NF-κB inhibitor that can be isolated from aloe exudate. Aloenin aglycone inhibits TNF α-induced NF-κB transcriptional activity (IC ₅₀ : 18.7 μM). Aloenin aglycone (10 μM) also reduced inducible nitric oxide synthase (iNOS) and intercellular adhesion molecule 1 (ICAM-1) gene expression after treatment of HepG2 cells with 10 ng/mL TNFα ^[1] .
IC₅₀ & Target	intercellular adhesion molecule-1 (ICAM-1) ^[1]

REFERENCES

- [1]. Sun Y N, et al. Isolation and identification of chromone and pyrone constituents from Aloe and their anti-inflammatory activities[J]. Journal of Functional Foods, 2016, 21: 232-239.
- [2]. Sun Y N, et al. Isolation and identification of chromone and pyrone constituents from Aloe and their anti-inflammatory activities[J]. Journal of Functional Foods, 2016, 21: 232-239.

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

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