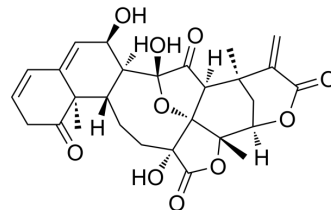


Isophysalin A

Cat. No.:	HY-N11085
CAS No.:	1363398-67-7
Molecular Formula:	C ₂₈ H ₃₀ O ₁₀
Molecular Weight:	526.53
Target:	NO Synthase; IKK
Pathway:	Immunology/Inflammation; NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Isophysalin A is a physalin with alpha and beta unsaturated ketone components. Isophysalin A binds to GSH and targets multiple cysteine residues on IKKβ. Isophysalin A also inhibits inducible NO synthase (iNOS) and nitric oxide (NO) production, showing anti-inflammatory activity^[1].

REFERENCES

[1]. Ji L, et al. Physalins with anti-inflammatory activity are present in *Physalis alkekengi* var. *franchetii* and can function as Michael reaction acceptors. *Steroids*. 2012 Apr;77(5):441-7.

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

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