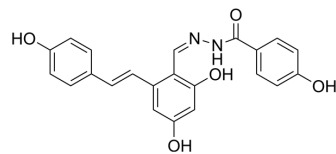


Anti-inflammatory agent 72

Cat. No.:	HY-162170
Molecular Formula:	C ₂₂ H ₁₈ N ₂ O ₅
Molecular Weight:	390.39
Target:	NF-κB; Keap1-Nrf2; p38 MAPK
Pathway:	NF-κB; MAPK/ERK Pathway
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Anti-inflammatory agent 72 (compound 5) is a novel resveratrol derivative hybrid with benzoylhydrazine. Anti-inflammatory agent 72 shows anti-inflammatory and antioxidant activities by activating Nrf2 and inhibiting NF-κB p65/iNOS and MAPKs signaling pathways^[1].

REFERENCES

[1]. Lu JX, et al. Design, synthesis and evaluation of antioxidant and anti-inflammatory activities of novel resveratrol derivatives as potential multifunctional drugs. *Eur J Med Chem.* 2024 Jan 13;266:116148.

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

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