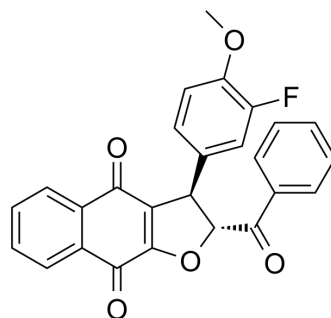


Anti-inflammatory agent 76

Cat. No.:	HY-161396
Molecular Formula:	C ₂₆ H ₁₇ FO ₅
Molecular Weight:	428.41
Target:	NO Synthase; Interleukin Related
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Anti-inflammatory agent 76 (Compd 8b), an anti-inflammatory agent, exhibits good NO, IL-1 β and IL-6 inhibitory activities ^[1] .
In Vitro	Anti-inflammatory agent 76 (Compd 8b) shows high potent NO inhibitory activity in lipopolysaccharide (LPS)-stimulated RAW264.7 macrophage cells with an IC ₅₀ of 1.54 μ M ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Ha Thanh Nguyen, et al. Improved synthesis, molecular modeling and anti-inflammatory activity of new fluorinated dihydrofurano-naphthoquinone compounds. Bioorg Med Chem Lett. 2024 Mar 22:104:129714.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA