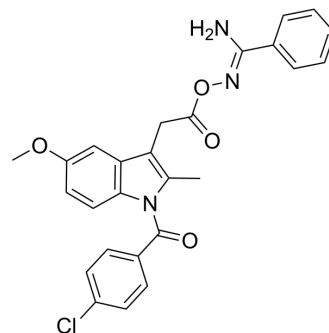


iNOS/PGE2-IN-1

Cat. No.:	HY-146167
Molecular Formula:	C ₂₆ H ₂₂ ClN ₃ O ₄
Molecular Weight:	475.92
Target:	NO Synthase
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

iNOS/PGE2-IN-1 (compound 4a), an iNOS/PGE2 inhibitor, is a potent anti-inflammatory agent. iNOS/PGE2-IN-1 can inhibit LPS-induced NO production. iNOS/PGE2-IN-1 possesses low ulcerogenic liabilities^[1].

REFERENCES

[1]. Mohamed MFA, et, al. Design, synthesis and molecular modeling of novel aryl carboximidamides and 3-aryl-1,2,4-oxadiazoles derived from indomethacin as potent anti-inflammatory iNOS/PGE2 inhibitors. Bioorg Chem. 2020 Dec;105:104439.

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

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