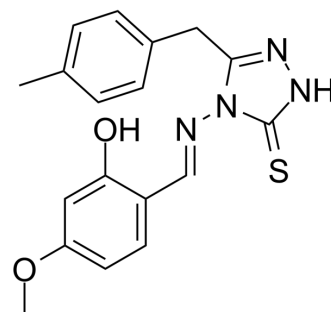


COX-2-IN-19

Cat. No.:	HY-146198
CAS No.:	2497530-12-6
Molecular Formula:	C ₁₈ H ₁₈ N ₄ O ₂ S
Molecular Weight:	354.43
Target:	COX
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	COX-2-IN-19 (Compound 24) is a potent COX-2 inhibitor with an IC ₅₀ of 1.76 μM. COX-2-IN-19 shows in vivo anti-inflammatory activity ^[1] .	
IC ₅₀ & Target	COX-2 1.76 μM (IC ₅₀)	COX-1 117.8 μM (IC ₅₀)

REFERENCES

[1]. Munir A, et al. Synthesis, in-vitro, in-vivo anti-inflammatory activities and molecular docking studies of acyl and salicylic acid hydrazide derivatives. Bioorg Chem. 2020 Nov;104:104168.

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

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