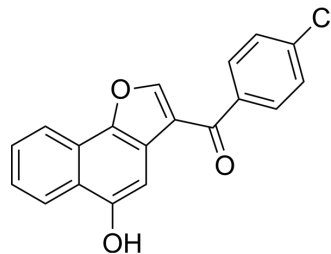


COX-2-IN-40

Cat. No.:	HY-162244
CAS No.:	444790-64-1
Molecular Formula:	C ₁₉ H ₁₁ ClO ₃
Molecular Weight:	322.74
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-40 (compound 17) is a COX-2 inhibitor with the IC ₅₀ of 14.86 μM. COX-2-IN-40 can be used for study of chronic pain [1].
IC ₅₀ & Target	COX-2 14.86 μM (IC ₅₀)

REFERENCES

[1]. Shilong Hu, et al. Identification of (4-chlorophenyl)(5-hydroxynaphtho[1,2-b]furan-3-yl)methanone as novel COX-2 inhibitor with analgesic profile. Bioorganic & Medicinal Chemistry Letters. Volume 100, 1 March 2024, 129631

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

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