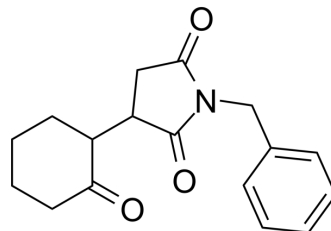


COX-2-IN-12

Cat. No.:	HY-146370
CAS No.:	2986222-50-6
Molecular Formula:	C ₁₇ H ₁₉ NO ₃
Molecular Weight:	285.34
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-12 (compound 3b) is a potent and selective inhibitor of COX-2 with an IC₅₀ of 19.98 μM. COX-2-IN-12 is an anti-inflammatory agent. COX-2-IN-12 shows safety in-vivo acute toxicity study^[1].

REFERENCES

[1]. Jan MS, et al. Design, synthesis, in-vitro, in-vivo and in-silico studies of pyrrolidine-2,5-dione derivatives as multitarget anti-inflammatory agents. Eur J Med Chem. 2020;186:111863.

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

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