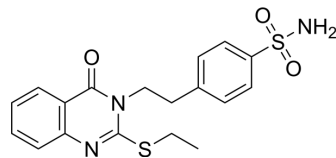


COX-2-IN-18

Cat. No.:	HY-147794
CAS No.:	1038061-96-9
Molecular Formula:	C ₁₈ H ₁₉ N ₃ O ₃ S ₂
Molecular Weight:	389.49
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-18 (Compound 3) is a potent inhibitor of COX-2. COX-2-IN-18 possesses good COX-2 inhibitory activity (IC₅₀ = 0.775 μM) compared to the reference agent, Celecoxib (IC₅₀ = 0.153 μM). COX-2-IN-18 has the potential for the research of cancer diseases^[1].

REFERENCES

[1]. El-Azab AS, et al. Antitumor activity, multitarget mechanisms, and molecular docking studies of quinazoline derivatives based on a benzenesulfonamide scaffold: Cell cycle analysis. *Bioorg Chem.* 2020;104:104345.

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

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