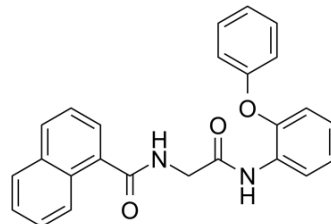


AOH1160

Cat. No.:	HY-120836
CAS No.:	2089314-57-6
Molecular Formula:	C ₂₅ H ₂₀ N ₂ O ₃
Molecular Weight:	396.44
Target:	DNA/RNA Synthesis; Apoptosis
Pathway:	Cell Cycle/DNA Damage; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	AOH1160 is a potent, first-in-class, orally available small molecule proliferating cell nuclear antigen (PCNA) inhibitor, interferes with DNA replication, blocks homologous recombination-mediated DNA repair, causes cell-cycle arrest and induces apoptosis. AOH1160 selectively kills many types of cancer cells (mean GI ₅₀ =330 nM) without causing significant toxicity to a broad range of nonmalignant cells ^[1] .
IC ₅₀ & Target	IC ₅₀ : PCNA ^[1]

REFERENCES

[1]. Gu L, et al. The Anticancer Activity of a First-in-class Small-molecule Targeting PCNA. Clin Cancer Res. 2018 Dec 1;24(23):6053-6065.

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

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