**Product Name**: AOH1160  
**Cat. No.**: PC-35301  
**CAS No.**: 2089314-57-6  
**Molecular Formula**: \( \text{C}_{25}\text{H}_{20}\text{N}_{2}\text{O}_{3} \)  
**Molecular Weight**: 396.446  
**Target**: DNA Repair Protein  

**Biological Activity**

AOH1160 (AOH-1160) is a potent, first-in-class, orally available small molecule inhibitor of Proliferating cell nuclear antigen (PCNA); selectively kills many types of cancer cells at below micromolar concentrations (mean GI50=330 nM) without causing significant toxicity to a broad range of non-malignant cells, interferes with DNA replication, blocks homologous recombination-mediated DNA repair, and causes cell cycle arrest; suppresses tumor growth without causing significant side effects in mice, demonstrates the potential as a broad-spectrum therapeutic agent for cancer treatment.

**References**


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**Caution**: Product has not been fully validated for medical applications. Lab Use Only!

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