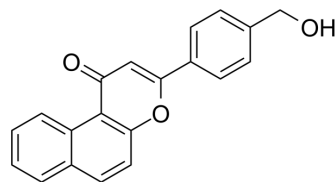


β-Naphthoflavone-CH₂-OH

Cat. No.:	HY-130269
CAS No.:	2752755-32-9
Molecular Formula:	C ₂₀ H ₁₄ O ₃
Molecular Weight:	302.32
Target:	Ligands for E3 Ligase
Pathway:	PROTAC
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	β-Naphthoflavone-CH ₂ -OH (β-NF-CH ₂ -OH) is a ligand for arylhydrocarbon receptor (AhR) E3 ligase. β-Naphthoflavone-CH ₂ -OH can be connected to the ligand for protein by a linker to form PROTACs or SNIPERs (e.g., β-naphthoflavone-JQ1) that recruit the AhR E3 ligase complex by incorporating AhR ligands into chimeric molecules. PROTACs are inducers of ubiquitination-mediated degradation of cancer-promoting proteins [1].
IC ₅₀ & Target	clAP1

REFERENCES

[1]. Ohoka N, et al. Development of Small Molecule Chimeras That Recruit AhR E3 Ligase to Target Proteins. ACS Chem Biol. 2019 Oct 16.

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

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