

β -Naphthoflavone-CH₂-Br

Chemical Properties

CAS No. : 1282513-77-2

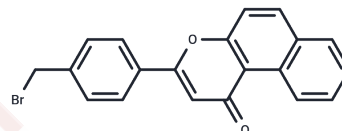
Formula: C₂₀H₁₃BrO₂

Molecular Weight: 365.22

Keep away from direct sunlight

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	β -Naphthoflavone-CH ₂ -Br is an arylhydrocarbon receptor (AhR) ligand. β -Naphthoflavone-CH ₂ -Br used to synthesize the PROTAC β -NF-JQ1.
Targets(IC50)	Others,E3 Ligase Ligand-Linker Conjugates,Ligands for E3 Ligase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7381 mL	13.6904 mL	27.3808 mL
5 mM	0.5476 mL	2.7381 mL	5.4762 mL
10 mM	0.2738 mL	1.369 mL	2.7381 mL
50 mM	0.0548 mL	0.2738 mL	0.5476 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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

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