

β -NF-JQ1

Chemical Properties

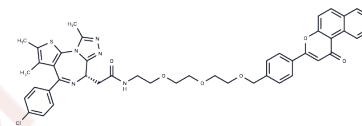
CAS No. : 2380000-55-3

Formula: C45H42ClN5O6S

Molecular Weight: 816.36

Appearance: no data available

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



Biological Description

Description	β -NF-JQ1 is a PROTAC that recruits aryl hydrocarbon receptor E3 (AhR E3) ligase to target proteins. Using β -NF as an AhR ligand, it targets bromodomain (BRD)-containing proteins and induces AhR and BRD protein interactions. β -NF-JQ1 exhibits potent anticancer activity associated with protein knockdown activity.
Targets(IC50)	PROTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2249 mL	6.1247 mL	12.2495 mL
5 mM	0.245 mL	1.2249 mL	2.4499 mL
10 mM	0.1225 mL	0.6125 mL	1.2249 mL
50 mM	0.0245 mL	0.1225 mL	0.245 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.

Reference

Ohoka N, et al. Development of Small Molecule Chimeras That Recruit AhR E3 Ligase to Target Proteins. ACS Chem Biol. 2019;14(12):2822-2832.

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