

NR-11c

Chemical Properties

CAS No. :

Formula: C₅₉H₇₁BrF₂N₁₀O₈S

Molecular Weight: 1198.22

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	NR-11c is a selective and potent p38 α PROTAC degrader. It effectively degrades p38 α in various tumor cells. When administered to mice via intraperitoneal or tail vein injection, NR-11c primarily acts in the liver. It is used for cancer research.
Targets(IC50)	p38 MAPK,PROTACs
In vitro	NR-11c (1-1000 nM; 24 hours) effectively degrades p38 α in various tumor cell lines, with an observed DC ₅₀ of 11.55 nM specifically in MDA-MB-231 cells.
In vivo	In a mouse model of breast cancer, a single dose of NR-11c (15 mg/kg; intratumoral/peritumoral injection) effectively reduces p38 α levels within the tumor.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8346 mL	4.1729 mL	8.3457 mL
5 mM	0.1669 mL	0.8346 mL	1.6691 mL
10 mM	0.0835 mL	0.4173 mL	0.8346 mL
50 mM	0.0167 mL	0.0835 mL	0.1669 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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