

LWY713

## Chemical Properties

CAS No. :

Formula: C43H54N10O8

Molecular Weight:

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	LWY713 is a PROTAC-based FLT3 degrader (DC50=0.64 nM) that selectively induces FLT3 degradation through a cereblon and proteasome-dependent mechanism. It inhibits cell proliferation and causes G0/G1 phase arrest and apoptosis (apoptosis) in MV4-11 cells. In MV4-11 xenograft models, LWY713 demonstrates significant in vivo antitumor activity. The E3 ligase ligand and linker consist of Lenalidomide-Glycolic acid, while the target protein ligand's active control is NaproxenGilteritinib.
Targets(IC50)	Apoptosis,FLT,PROTACs

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