Data Sheet (Cat.No.T211758)

TargetMol

dPDL1-4

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Keep away from direct sunlight
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	dPDL1-4 is a potent and selective eHSPTAC eHSP90PD-L1 degrader, with DC50 values of 7.77 μM (HeLa) and 6.52 μM (B16F10). It links eHSP90 to target proteins, inducing lysosomal degradation. dPDL1-4 effectively degrades PD-L1 and inhibits tumor growth, making it useful for research in cervical cancer and melanoma.
Targets(IC50)	HSP,PD-1/PD-L1,LYTACs,PROTACs
In vitro	dPDL1-4 (5-20 μM, 12-24 h) promotes the degradation of PD-L1 on the cell membranes of HeLa and B16F10 cells through a mechanism dependent on eHSP90, the ternary complex, and lysosomes.
In vivo	In a B16F10 melanoma mouse model, dPDL1-4 (50 mg/kg, i.p., administered every 2 days for a total of 6 doses) effectively degraded PD-L1 and significantly inhibited tumor growth.

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481