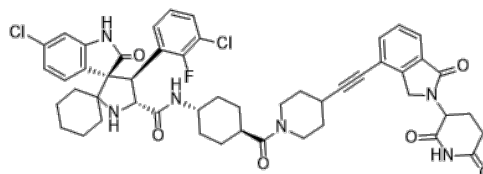


Product Name : MD-265
Cat. No. : PC-23385
CAS No. : 2415160-21-1
Molecular Formula : C₅₀H₅₁Cl₂FN₆O₆
Molecular Weight : 921.89
Target : PROTAC
Solubility : 10 mM in DMSO



CAS: 2415160-21-1

Biological Activity

MD-265 is a potent PROTAC **MDM2** degrader, potently inhibits RS4;11 cell line with IC₅₀ of 0.7 nM, induces strong p53 activation in cancer cells carrying wild-type p53.

MD-265 potently inhibited cell growth and achieved IC₅₀ values of 0.9 nM to 212 nM in acute leukemia cell lines carrying a wild-type p53.

MD-265 is a potent MDM2 degrader and is >200 times more potent than MI-1063 in cell growth inhibition in the RS4;11 cell line.

MD-265 demonstrated no activity in cancer cells harboring mutated p53.

MD-265 achieved complete and persistent tumor regression in the RS4;11 xenograft model without causing any signs of toxicity.

References

Aguilar A, et al. *J Med Chem*. 2024 Oct 31. doi: 10.1021/acs.jmedchem.4c01818.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com