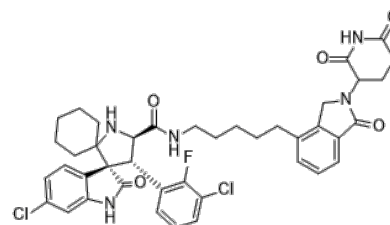


Product Name : MG-277
Cat. No. : PC-23062
CAS No. : 2411085-89-5
Molecular Formula : C₄₁H₄₂Cl₂FN₅O₅
Molecular Weight : 774.72
Target : PROTAC
Solubility : 10 mM in DMSO



Biological Activity

MG-277 is a potent molecular glue GSPT1 degrader, effectively degrades GSPT1 protein in a dose- and time-dependent manner in RS4;11 cell line with DC50 of 1.3 nM.

MG-277 is effective against cancer cell lines carrying wild-type, mutated or deleted p53.

MG-277 potently inhibits cell growth in cancer cell lines in a p53-independent manner.

MG-277 is very potent and effective in inhibition of cell growth in both the RS4;11/IRMI-2 and HL-60 leukemia lines, achieving IC50 values of 3.9 nM and 8.3 nM, respectively.

References

Jiuling Yang, et al. J Med Chem. 2019 Nov 14;62(21):9471-9487.

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

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