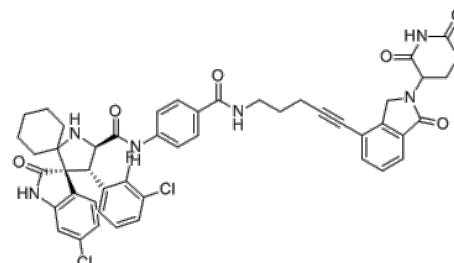


Product Name : MD-224
Cat. No. : PC-49045
CAS No. : 2136247-12-4
Molecular Formula : C₄₈H₄₃Cl₂FN₆O₆
Molecular Weight : 889.806
Target : PROTAC
Solubility : 10 mM in DMSO



Biological Activity

MD-224 is a small-molecule MDM2 degrader based on the proteolysis targeting chimera (PROTAC), effectively induces rapid degradation of MDM2 at concentrations <1 nM in human leukemia cells.

MD-224 inhibits growth of RS4;11 cells with IC₅₀ of 1.5 nM and low nanomolar IC₅₀ values in a panel of leukemia cell lines. MD-224 achieves complete and durable tumor regression in vivo in the RS4;11 xenograft tumor model in mice at well-tolerated dose schedules.

References

Yangbing Li, et al. J Med Chem. 2019 Jan 24;62(2):448-466.

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

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