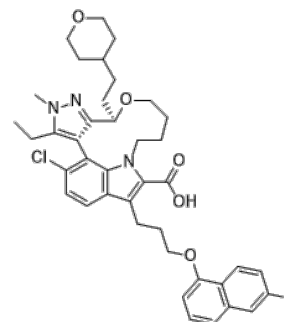


Product Name : BRD-810
Cat. No. : PC-22977
CAS No. : 2329720-10-5
Molecular Formula : C₄₀H₄₅ClFN₃O₅
Molecular Weight : 702.26
Target : Bcl-2
Solubility : 10 mM in DMSO



CAS: 2329720-10-5

Biological Activity

BRD-810 (BRD810) is a potent and selective **MCL1** inhibitor with IC₅₀ of 0.3 nM in AMO-1 cells, potently binds to the BH3 groove of MCL1 protein. BRD-810 shows no appreciable off-target binding versus a broad panel of enzymes, receptors and ion channels. BRD-810-induced cell death indeed occurs through an on-target mechanism activating the intrinsic apoptotic pathway. BRD-810 (25-50 mg/kg, intravenously injected once weekly) shows robust antitumor effects in monotherapy AMO-1 (multiple myeloma) tumor-bearing mice.

References

Rauh U, et al. *Nat Cancer*. 2024 Aug 23. doi: 10.1038/s43018-024-00814-0.

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

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