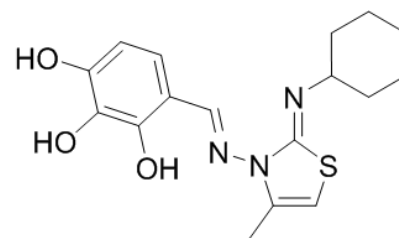


Product Name : MIM1
Cat. No. : PC-45041
CAS No. : 509102-00-5
Molecular Formula : C₁₇H₂₁N₃O₃S
Molecular Weight : 347.4319
Target : Bcl-2
Solubility : 10 mM in DMSO



Biological Activity

MIM1 is a potent, selective small molecule **Mcl-1** inhibitor that selectively targets the BH3-binding groove of Mcl-1. MIM1 effectively competes with FITC-MCL-1 SAHBA and FITC-BID BH3 for MCL-1ΔNΔC binding with IC₅₀ of 4.7 and 4.8 μM, respectively. MIM1 shows no activity for Bcl-xL; induces caspase activation and leukemia cell death in the specific context of MCL-1 dependence.

References

Cohen NA, et al. *Chem Biol*. 2012 Sep 21;19(9):1175-86.
Habata S, et al. *Int J Oncol*. 2016 Jul;49(1):402-10.

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

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