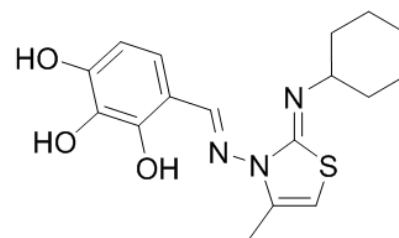


**Product Name** : MIM1  
**Cat. No.** : PC-45041  
**CAS No.** : 509102-00-5  
**Molecular Formula** : C<sub>17</sub>H<sub>21</sub>N<sub>3</sub>O<sub>3</sub>S  
**Molecular Weight** : 347.4319  
**Target** : Bcl-2  
**Solubility** : 10 mM in DMSO



### Biological Activity

A potent, selective small molecule Mcl-1 inhibitor that selectively targets the BH3-binding groove of Mcl-1; effectively competes with FITC-MCL-1 SAHBA and FITC-BID BH3 for MCL-1ΔNΔC binding with IC<sub>50</sub> of 4.7 and 4.8 μM, respectively; 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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