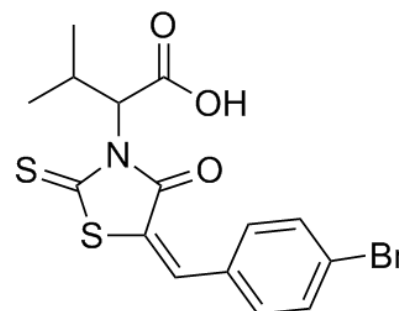


**Product Name** : BH3I-1  
**Cat. No.** : PC-42125  
**CAS No.** : 300817-68-9  
**Molecular Formula** : C<sub>15</sub>H<sub>14</sub>BrNO<sub>3</sub>S<sub>2</sub>  
**Molecular Weight** : 400.3105  
**Target** : Bcl-2  
**Solubility** : DMSO: ≥ 3.9 mg/mL



## Biological Activity

BH3I-1 (BHI1) is a small-molecule **Bcl-2** antagonist that inhibits the interaction of Bak BH3 and Bcl-xL with K<sub>i</sub> of 2.4 μM in FP binding assay.

BH3I-1 (BHI1) specifically blocks the BH3-domain-mediated heterodimerization between Bcl-2 family members in vitro and in vivo and induces apoptosis.

BH3I-1 (BHI1) also potently inhibits **p53/hDM2** with K<sub>d</sub> of 5.3 μM.

## References

Degterev A, et al. *Nat Cell Biol.* 2001 Feb;3(2):173-82.

Wang L, et al. *Bioorg Med Chem Lett.* 2008 Jan 1;18(1):236-40.

Porter JR, et al. *Chem Commun (Camb).* 2010 Nov 14;46(42):8020-2.

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

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