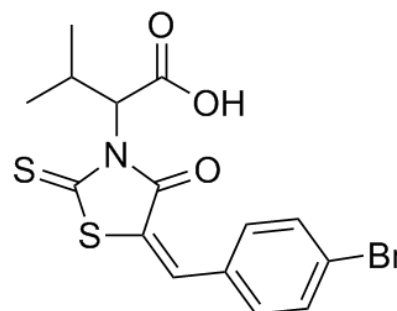


**Product Name** : BH3I-1  
**Cat. No.** : PC-42125  
**CAS No.** : 300817-68-9  
**Molecular Formula** : C<sub>15</sub>H<sub>14</sub>BrNO<sub>3</sub>S<sub>2</sub>  
**Molecular Weight** : 400.3105  
**Target** : Bcl-2  
**Solubility** : DMSO: ≥ 3.9 mg/mL



### Biological Activity

A small-molecule Bcl-2 antagonist that inhibits the interaction of Bak BH3 and Bcl-xL with Ki of 2.4  $\mu$ M in FP binding assay; specifically blocks the BH3-domain-mediated heterodimerization between Bcl-2 family members in vitro and in vivo and induces apoptosis; also potently inhibits p53/hDM2 with Kd of 5.3  $\mu$ M.

### 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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