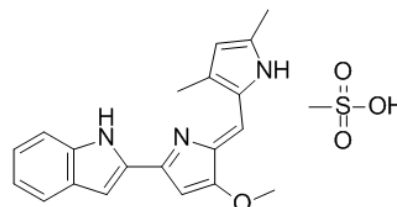


**Product Name** : Obatoclax  
**Cat. No.** : PC-42756  
**CAS No.** : 803712-79-0  
**Molecular Formula** : C<sub>21</sub>H<sub>23</sub>N<sub>3</sub>O<sub>4</sub>S  
**Molecular Weight** : 413.49  
**Target** : Bcl-2  
**Solubility** : DMSO: ≥ 48.8 mg/mL



## Biological Activity

A potent inhibitor of Bcl-2 family with IC<sub>50</sub>s of 1-7 μM for Bcl-2, Bcl-XL, Bcl-w, Bcl-B, Mcl-1 and Bfl-1; potently interferes with the direct interaction between MCL-1 and BAK in intact mitochondrial outer membrane and inhibited the association between MCL-1 and BAK in intact cells;

## References

- Zhai D, et al. Cell Death Differ. 2006 Aug;13(8):1419-21.  
Nguyen M, et al. Proc Natl Acad Sci U S A. 2007 Dec 4;104(49):19512-7.  
Konopleva M, et al. Cancer Res. 2008 May 1;68(9):3413-20.

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

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