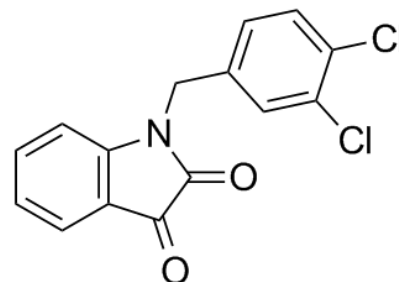


Product Name : Apoptosis Activator 2
Cat. No. : PC-45496
CAS No. : 79183-19-0
Molecular Formula : C₁₅H₉Cl₂NO₂
Molecular Weight : 306.1435
Target : Apoptosis Inducer
Solubility : DMSO: ≥ 46 mg/mL



Biological Activity

Apoptosis Activator 2 is an **apoptosis activator** that strongly induces caspase-3 activation, PARP cleavage, and DNA fragmentation, leads to the destruction of cells (**Apaf-1** dependent) with IC₅₀ of 4 μM.

Apoptosis Activator 2 promotes the protein-protein association of Apaf-1 into the functional apoptosome.

Apoptosis Activator 2 exert cytostatic and cytotoxic effects on a variety of cancer cell lines while having little or no activity against the normal cell lines tested.

References

Nguyen JT, et al. *Proc Natl Acad Sci U S A*. 2003 Jun 24;100(13):7533-8.

Farivar TN, et al. *N Am J Med Sci*. 2012 Nov;4(11):582-5.

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

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