

Product Name : Apoptosis Activator 2

Synonyms : —

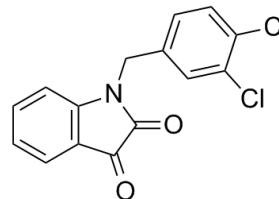
Cat No. : M15971

CAS Number : 79183-19-0

Molecular Formula : C₁₅H₉Cl₂NO₂

Formula Weight : 306.14

Chemical Name : 1H-Indole-2,3-dione, 1-[(3,4-dichlorophenyl)methyl]-



Description : 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; exert cytostatic and cytotoxic effects on a variety of cancer cell lines while having little or no activity against the normal cell lines tested.

Pathway : Apoptosis

Target : Apoptosis

Receptor : Caspase-3

Solubility : DMSO: ≥ 46 mg/mL

SMILES : O=C1N(CC2=CC=C(Cl)C(Cl)=C2)C3=C(C=CC=C3)C1=O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Nguyen JT, et al. Proc Natl Acad Sci U S A. 2003 Jun 24;100(13):7533-8. 2. Farivar TN, et al. N Am J Med Sci. 2012 Nov;4(11):582-5.