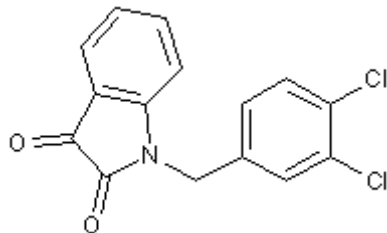


## PRODUCT DATA SHEET

**Product:** Apoptosis Activator 2

**Cat. No.:** BC-316 (25 mg)



**Description:**

Induces apoptosis by promoting the oligomerization of Apaf-1 into the mature, functional apoptosome and triggering caspase-9 activation resulting in activated caspase-3. Shows a stronger selectivity for cancer cells than for normal cell lines. Acts in a similar fashion as apoptosis inducer alpha-(trichloromethyl)-4-pyridineethanol (PETCM).

**Chemical Name:**

1-[(3,4-Dichlorophenyl)methyl]-1H-indole-2,3-dione

**Molecular Weight:**

306.1

**Formula:**

$C_{15}H_9NO_2Cl_2$

**Appearance:**

Orange to red solid

**Solubility:**

Soluble in DMSO or 100% ethanol

**Storage:**

Store at 4 °C.

**Purity:**

≥98% by NMR analysis

**Limitations:**

For research use only. Not for use in diagnostics or in humans.

**Warranty:**

No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.