



# LKT Laboratories, Inc.

## Apoptosis Activator 2

Phone: 888-558-5227  
651-644-8424  
Fax: 888-558-7329  
Email: [getinfo@lctlabs.com](mailto:getinfo@lctlabs.com)  
Web: [lctlabs.com](http://lctlabs.com)

### Product Information

**Product ID** A6058

**CAS No.** 79183-19-0

**Chemical Name**

**Synonym** AA-2, Apoptosis activator II, AA-II, AAll, N-(3,4-dichlorobenzyl) Isatin, MDK83190

**Formula** C<sub>15</sub>H<sub>9</sub>Cl<sub>2</sub>NO<sub>2</sub>

**Formula Wt.** 306.14

**Melting Point**

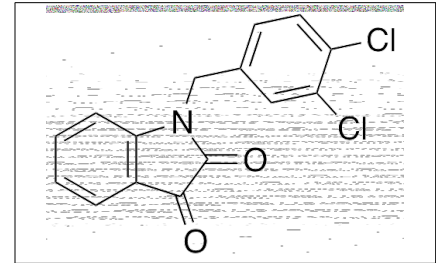
**Purity** ≥98%

**Solubility** DMSO 61 mg/mL (199.25 mM)  
Water Insoluble  
Ethanol Insoluble

**Store Temp** -20° C

**Ship Temp** Ambient

**Description** Apoptosis activator 2 displays neuromodulatory and anticancer activities, induces apoptosis and cell death in gastric adenocarcinoma cells and neurons. This compound is used to study apoptosis in cancer research and neurodegenerative diseases.



**Bulk quantities available upon request**

Product ID	Size
A6058	1 mg
A6058	5 mg
A6058	10 mg
A6058	50 mg

**References** Kim JH, Lee J. Induced neural stem cells protect neuronal cells against apoptosis. *Med Sci Monit.* 2014 Dec 22;20:2759-66. PMID: 25554259.

Farivar TN, Najafipour R, Johari P. Nano - drug Delivery of Apoptosis Activator 2 to AGS Cells by Liposomes Conjugated with Anti-TROP2 Antibody. *N Am J Med Sci.* 2012 Nov;4(11):582-5. PMID: 23181231.

Nguyen TV, Jayaraman A, Quaglino A, et al. Androgens selectively protect against apoptosis in hippocampal neurones. *J Neuroendocrinol.* 2010 Sep;22(9):1013-22. PMID: 20561156.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.