



LKT Laboratories, Inc.

ABT-263

Phone: 888-558-5227

651-644-8424

Fax: 888-558-7329

Email: [getinfo@lktlabs.com](mailto:getinfo@lktlabs.com)

Web: [lktlabs.com](http://lktlabs.com)

## Product Information

Product ID A0777

CAS No. 923564-51-6

Chemical Name

Synonym Navitoclax, A-855071

Formula  $C_{47}H_{55}ClF_3N_5O_6S_3$

Formula Wt. 974.61

Melting Point

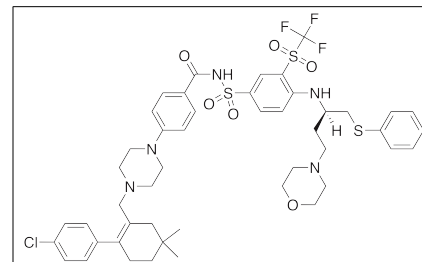
Purity  $\geq 99\%$

Solubility DMSO 100 mg/mL (102.6 mM)  
Water Insoluble  
Ethanol Insoluble

Store Temp 4°C

Ship Temp Ambient

**Description** ABT-263 is a BH3 mimetic that inhibits Bcl-2, Bcl- $\omega$ , and Bcl-xL. ABT-263's inhibition of Bcl-xL results in thrombocytopenia by inducing apoptotic death of platelets, limiting its usage. ABT-263 exhibits anticancer chemotherapeutic activity and shows some benefit in clinical trials. In chronic lymphocytic leukemia (CLL) cells, ABT-263 inhibits cell proliferation. In cellular and animal models of cancers with solid tumors, ABT-263 enhances the chemotherapeutic activity of several co-administered treatments.



**Bulk quantities available upon request**

Product ID	Size
A0777	1 mg
A0777	5 mg
A0777	10 mg

**References** Debrincat MA, Pleines I, Lebois M, et al. BCL-2 is dispensable for thrombopoiesis and platelet survival. *Cell Death Dis.* 2015 Apr 16;6:e1721. PMID: 25880088.

Khaw SL, Mérino D, Anderson MA, et al. Both leukaemic and normal peripheral B lymphoid cells are highly sensitive to the selective pharmacological inhibition of prosurvival Bcl-2 with ABT-199. *Leukemia.* 2014 Jan 9. [Epub ahead of print]. PMID: 24402163.

Balakrishnan K, Gandhi V. Bcl-2 antagonists: a proof of concept for CLL therapy. *Invest New Drugs.* 2013 Oct;31(5):1384-94. PMID: 23907405.

Rudin CM, Hann CL, Garon EB, et al. Phase II study of single-agent navitoclax (ABT-263) and biomarker correlates in patients with relapsed small cell lung cancer. *Clin Cancer Res.* 2012 Jun 1;18(11):3163-9. PMID: 22496272.

Chen J, Jin S, Abraham V, et al. The Bcl-2/Bcl-X(L)/Bcl-w inhibitor, navitoclax, enhances the activity of chemotherapeutic agents in vitro and in vivo. *Mol Cancer Ther.* 2011 Dec;10(12):2340-9. PMID: 21914853.

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