LKT Laboratories, Inc.

ABT-263

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Product Information

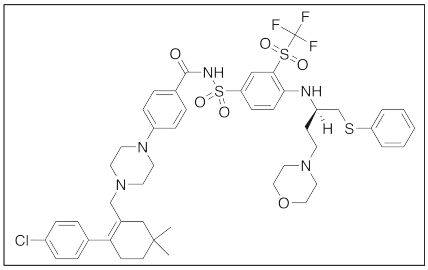
Product ID A0777
CAS No. 923564-51-6
Chemical Name

Synonym Navitoclax, A-855071

Formula $C_{47}H_{55}ClF_3N_5O_6S_3$
Formula Wt. 974.61
Melting Point
Purity ≥99%
Solubility

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

Store Temp 4°C
Ship Temp Ambient



Pricing and Availability

Bulk quanitites available upon request

Product ID	Size	List Price
A0777	1 mg	$60.20
A0777	5 mg	$153.80
A0777	10 mg	$274.20

Description ABT-263 is a BH3 mimetic that inhibits Bcl-2, Bcl-ω, 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. TEST!!!!!!

References

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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.

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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.