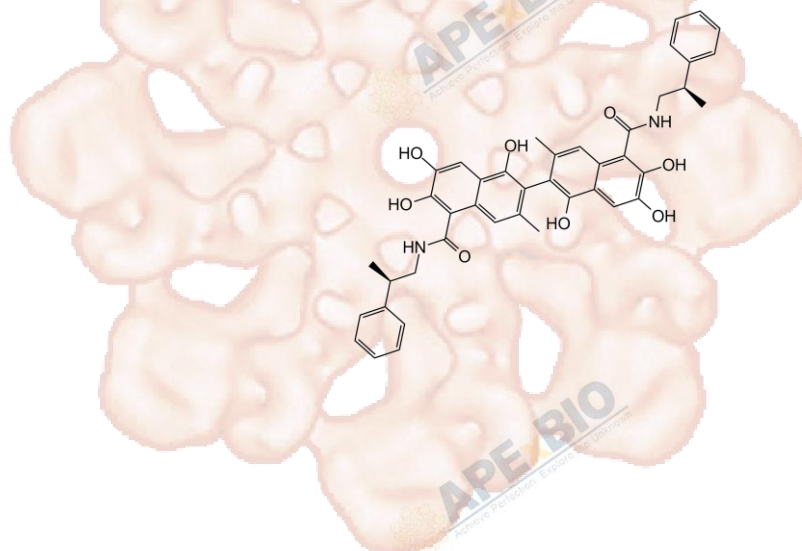


Product Data Sheet

Sabutoclax

Cat. No.:	A4199
CAS No.:	1228108-65-3
Formula:	C42H40N2O8
M.Wt:	700.78
Synonyms:	
Target:	Apoptosis
Pathway:	Bcl-2 Family
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; ≥ 205.6 mg/mL in DMSO; ≥ 98.2 mg/mL in EtOH with ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	1.4270 mL	7.1349 mL	14.2698 mL
	5 mM	0.2854 mL	1.4270 mL	2.8540 mL
	10 mM	0.1427 mL	0.7135 mL	1.4270 mL

Please refer to the solubility information to select the appropriate solvent.

Biological Activity

Shortsummary	pan-Bcl-2 inhibitor	
IC ₅₀ & Target	0.31 μ M (Bcl-xL), 0.32 μ M (Bcl-2), 0.20 μ M (Mcl-1), 0.62 μ M (Bfl-1)	
In Vitro	Cell Viability Assay	
	Preparation method:	
In Vivo	Animal experiment	
	Applications:	

Product Citations

1. Minieri V, De Dominici M, et al. "Targeting STAT5 or STAT5-Regulated Pathways Suppresses Leukemogenesis of Ph+ Acute Lymphoblastic Leukemia." Cancer Res. 2018 Oct 15;78(20):5793-5807.PMID:30154155
2. Mishra P J, Mishra P J, Merlino G. "Integrated Genomics Identifies miR-32/MCL-1 Pathway as a Critical Driver of Melanomagenesis: Implications for miR-Replacement and Combination Therapy[J]." PloS one, 2016, 11(11): e0165102.PMID:27846237

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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