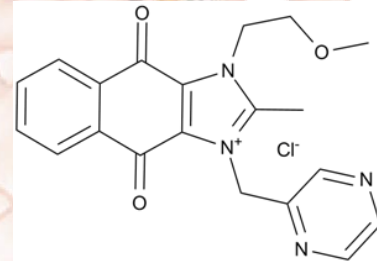


Product Data Sheet

YM-155 hydrochloride

Cat. No.:	A3947
CAS No.:	355406-09-6
Formula:	C ₂₀ H ₁₉ CIN ₄ O ₃
M.Wt:	398.84
Synonyms:	YM155 hydrochloride;YM 155 hydrochloride
Target:	Apoptosis
Pathway:	Survivin
Storage:	Store at -20°C



Solvent & Solubility

≥19.45 mg/mL in DMSO; ≥4.34 mg/mL in EtOH with gentle warming and ultrasonic; ≥48.1 mg/mL in H₂O with ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	2.5073 mL	12.5364 mL	25.0727 mL
	5 mM	0.5015 mL	2.5073 mL	5.0145 mL
	10 mM	0.2507 mL	1.2536 mL	2.5073 mL

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

Biological Activity

Shortsummary

Potent survivin inhibitor

IC₅₀ & Target

0.54 nM (survivin)

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

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. Short-term 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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