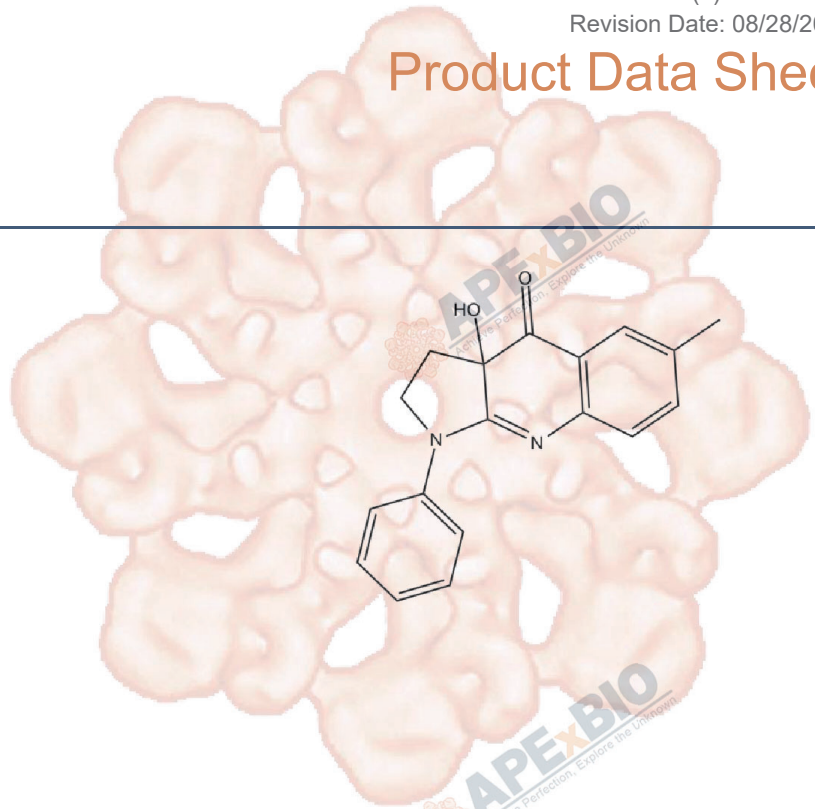


Product Data Sheet

(±)-Blebbistatin

Cat. No.:	B6847
CAS No.:	674289-55-5
Formula:	C ₁₈ H ₁₆ N ₂ O ₂
M.Wt:	292.34
Synonyms:	
Target:	Others
Pathway:	Myosin
Storage:	Store at -20°C



Solvent & Solubility

≥47.9 mg/mL in DMSO; ≥3.1 mg/mL in EtOH with ultrasonic; insoluble in H₂O

In Vitro	Preparing Stock Solutions	Mass			
		Solvent Concentration	1mg	5mg	10mg
		1 mM	3.4207 mL	17.1034 mL	34.2067 mL
		5 mM	0.6841 mL	3.4207 mL	6.8413 mL
		10 mM	0.3421 mL	1.7103 mL	3.4207 mL

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

Biological Activity

Shortsummary	non-muscle myosin II ATPases inhibitor, cell-permeable	
IC ₅₀ & Target		
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. 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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