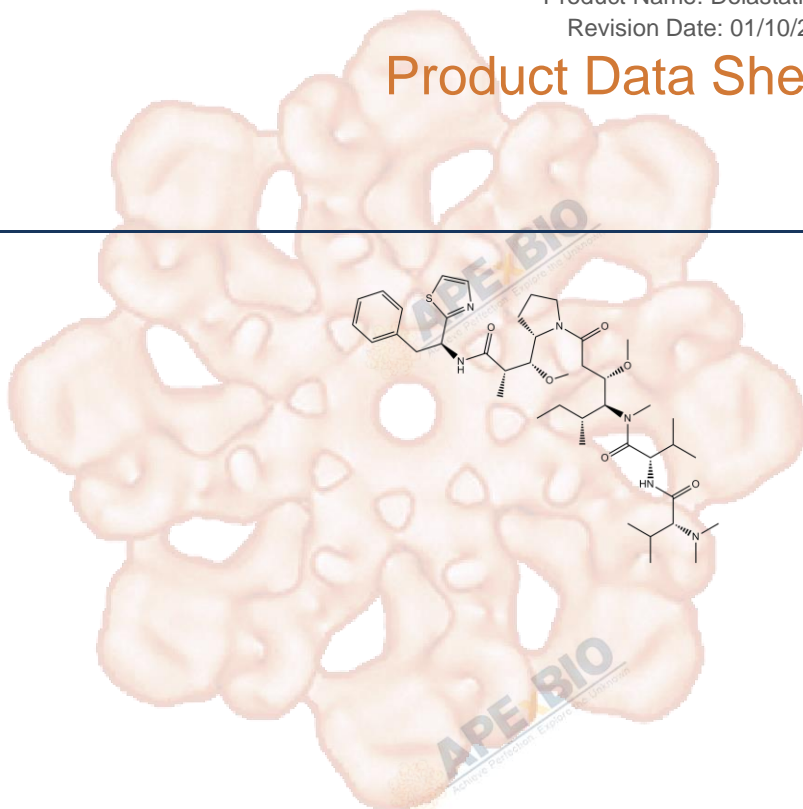


Product Data Sheet

Dolastatin 10

Cat. No.:	B1035
CAS No.:	110417-88-4
Formula:	C42H68N6O6S
M.Wt:	785.09
Synonyms:	
Target:	Cell Cycle/Checkpoint
Pathway:	Microtubule/Tubulin
Storage:	Store at -20°C



Solvent & Solubility

≥78.5 mg/mL in EtOH; insoluble in H₂O; ≥67.2 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1mg	5mg	10mg
	1 mM		1.2737 mL	6.3687 mL	12.7374 mL
	5 mM		0.2547 mL	1.2737 mL	2.5475 mL
	10 mM		0.1274 mL	0.6369 mL	1.2737 mL

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

Biological Activity

Shortsummary

Antitumor agent

IC₅₀ & 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 APEX BIO 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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