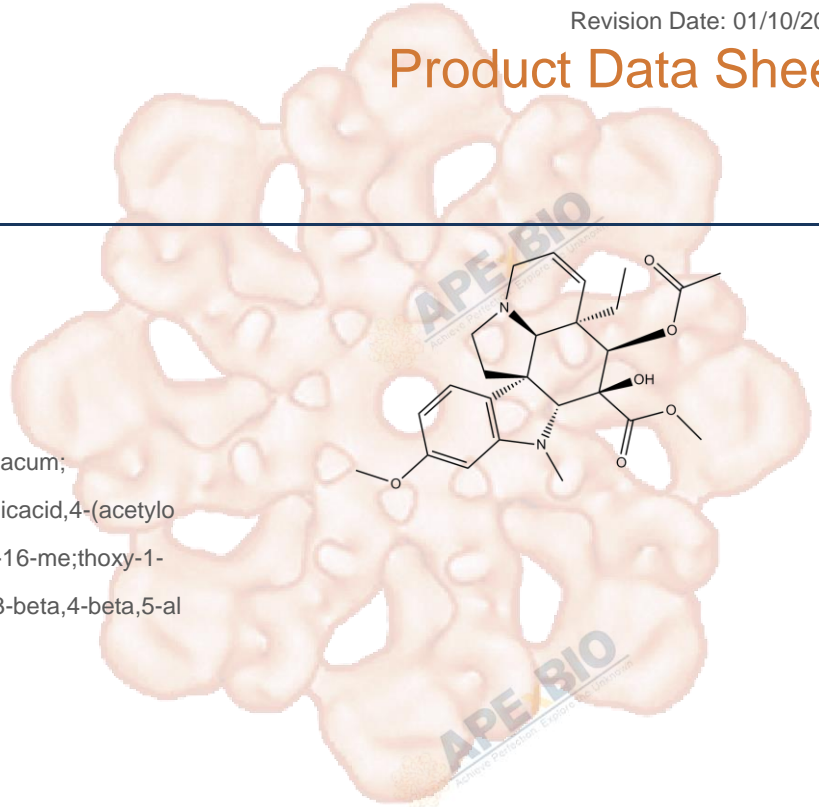


Product Data Sheet

Vindoline

Cat. No.:	N1289
CAS No.:	2182-14-1
Formula:	C ₂₅ H ₃₂ N ₂ O ₆
M.Wt:	456.53
Synonyms:	Vindoline free base;Bufexamacum; aspidospermidine-3-carboxylicacid,4-(acetyloxy)-6,7-didehydro-3-hydroxy-16-methoxy-1-methyl-,methylester,(2-beta,3-beta,4-beta,5-alpha,12-beta,19-alpha)
Target:	Natural Products
Pathway:	
Storage:	Store at -20°C



Solvent & Solubility

≥45.7 mg/mL in DMSO; insoluble in H₂O; ≥10.08 mg/mL in EtOH with ultrasonic

In Vitro

Preparing Stock Solutions	Mass		1mg	5mg	10mg
	Solvent	Concentration			
		1 mM	2.1904 mL	10.9522 mL	21.9044 mL
		5 mM	0.4381 mL	2.1904 mL	4.3809 mL
		10 mM	0.2190 mL	1.0952 mL	2.1904 mL

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

Biological Activity

Shortsummary

Monomeric vinca-alkaloid

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 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.

APExBIO Technology

www.apexbt.com

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: info@apexbt.com

