



LKT Laboratories, Inc.

Vinblastine Sulfate

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Product Information

Product ID V3253
CAS No. 143-67-9
Chemical Name Vincalukblastine sulfate

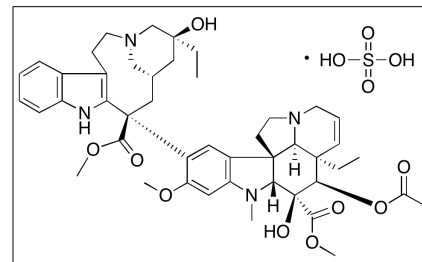
Synonym Exal, Velban, Velbe

Formula $C_{46}H_{58}N_4O_9S \cdot H_2SO_4$
Formula Wt. 909.07
Melting Point 267° C
Purity ≥96%
Solubility Slightly soluble in ethanol or water (10 parts).
Practically insoluble in ether.

Store Temp -20° C

Ship Temp Ambient

Description Vinblastine is a vinca alkaloid found in *Catharanthus* that exhibits immunosuppressive and anticancer chemotherapeutic activities. Vinblastine is an anti-mitotic that binds tubulin and inhibits proper microtubule polymerization, instead causing formation of curved or misshapen microtubules; it is clinically used to treat lymphomas, leukemias, breast cancer, and non-small cell lung cancer (NSCLC).



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
V3253	5 mg	\$107.20
V3253	10 mg	\$140.20
V3253	25 mg	\$326.20

References Pliarchopoulou K, Laschos K, Pectasides D. Current chemotherapeutic options for the treatment of advanced bladder cancer: a review. *Urol Oncol.* 2013 Apr;31(3):294-302. PMID: 20843708.

Rendine S, Pieraccini S, Sironi M. Vinblastine perturbation of tubulin protofilament structure: a computational insight. *Phys Chem Chem Phys.* 2010 Dec 21;12(47):15530-6. PMID: 20978652.

Jordan MA, Wilson L. Microtubules as a target for anticancer drugs. *Nat Rev Cancer.* 2004 Apr;4(4):253-65. PMID: 15057285.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.