



Product Information

Product ID V3252

CAS No. 125317-39-7

Chemical Name 3',4'-Didehydro-4'-deoxy-C'-norvincaleukoblastine ditartrate

Synonym Eunades, Navelbine

Formula $C_{45}H_{54}N_4O_8 \cdot 2C_4H_6O_6$

Formula Wt. 1079.10

Melting Point 219° C

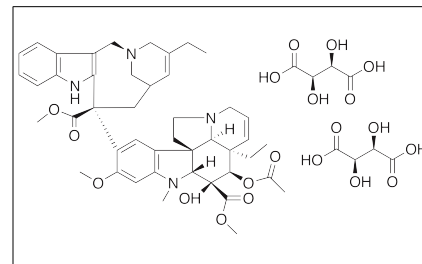
Purity $\geq 98\%$

Solubility Soluble in water and ethanol.

Store Temp -20° C

Ship Temp Ambient

Description Vinorelbine is a semi-synthetic vinca alkaloid originally found in *Catharanthus* that exhibits anticancer chemotherapeutic activity. Vinorelbine binds β -tubulin and stimulates microtubule depolymerization, acting as an anti-mitotic. Vinorelbine is clinically used to treat breast cancer and non-small cell lung cancer (NSCLC). In osteosarcoma cells, vinorelbine downregulates expression of cyclin D1 and upregulates expression of p53, inhibiting cell growth.



Bulk quantities available upon request

Product ID	Size
V3252	1 mg
V3252	5 mg
V3252	25 mg

References Capasso A. Vinorelbine in cancer therapy. *Curr Drug Targets*. 2012 Jul;13(8):1065-71. PMID: 22594474.

Roncuzzi L, Marti G, Baiocchi D, et al. Effect of Vinorelbine on cell growth and apoptosis induction in human osteosarcoma in vitro. *Oncol Rep*. 2006 Jan;15(1):73-7. PMID: 16328036.

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