



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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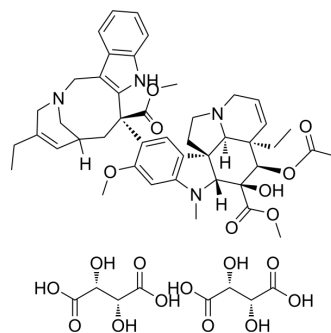
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## Vinorelbine ditartrate (Standard)

Cat. No.:	HY-12053AR
CAS No.:	125317-39-7
Molecular Formula:	C <sub>53</sub> H <sub>66</sub> N <sub>4</sub> O <sub>20</sub>
Molecular Weight:	1079.11
Target:	Autophagy; Microtubule/Tubulin
Pathway:	Autophagy; Cell Cycle/DNA Damage; Cytoskeleton
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Vinorelbine (ditartrate) (Standard) is the analytical standard of Vinorelbine (ditartrate). This product is intended for research and analytical applications. Vinorelbine (ditartrate) is an anti-mitotic agent which inhibits the proliferation of Hela cells with IC<sub>50</sub> of 1.25 nM.

### REFERENCES

- [1]. Ngan VK, et al. Mechanism of mitotic block and inhibition of cell proliferation by the semisynthetic Vinca alkaloids vinorelbine and its newer derivative vinflunine. *Mol Pharmacol.* 2001 Jul;60(1):225-32.
- [2]. Liu XM, et al. Unique induction of p21(WAF1/CIP1) expression by vinorelbine in androgen-independent prostate cancer cells. *Br J Cancer.* 2003 Oct 20;89(8):1566-73.
- [3]. Poirier VJ, et al. Toxicity, dosage, and efficacy of vinorelbine (Navelbine) in dogs with spontaneous neoplasia. *J Vet Intern Med.* 2004 Jul-Aug;18(4):536-9.
- [4]. Pierro JA, et al. Phase I clinical trial of vinorelbine in tumor-bearing cats. *J Vet Intern Med.* 2013 Jul-Aug;27(4):943-8.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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