

## **Vinblastine Sulfate**

Cat. No. CEI-0563

Lot. No. (See product label)

## Introduction

**Description** A plant alkaloid that arrests the cell cycle in G2/M phase by blocking mitotic spindle

formation. Inhibits normal microtubule assembly and causes aberrant tubulin polymerization. Blocks binding of tubulin to microtubule proteins. Induces

apoptosis. Triggers Raf-1 activation, phosphorylation of Bcl-2 family proteins and

induction of p53 expression. Cancer chemotherapeutic agent.

**Synonyms** Vincaleukoblastine sulfate salt; VLB

## **Product Information**

**Appearance** White solid

*CAS No.* 143-67-9

Molecular Formula C46H58N4O9S.H2SO4

Molecular Weight 271.27

**Purity** >98% by HPLC

**Targets** MGMT

**Solubility** DMSO (100 mM)

## Storage and Shipping Information

**Storage** RT

**Shipping Conditions** RT

**Tel:** 1-631-562-8517 1-516-512-3133 **Email:** info@creative-enzymes.com

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