

## Catharanthine

Cat. No. CEI-0712

Lot. No. (See product label)

### Introduction

**Description** Catharanthine is one of the alkaloids isolated from the plant *Catharanthus roseus*. It stimulates the release of amylase from pancreatic fragments and causes extensive degranulation of pancreatic acinar cells with accumulation of membrane material in the Golgi region. It also fully inhibits nicotinic receptor mediated diaphragm contractions (IC<sub>50</sub> = 59.6 μM).

### Product Information

**Appearance** White to off-white solid

**CAS No.** 2468-21-5

**Molecular Formula** C<sub>21</sub>H<sub>24</sub>N<sub>2</sub>O<sub>2</sub>

**Chemical Name** Methyl (2α,5β,6 α)-3,4-didehydroibogamine-18 β -carboxylate ; 6,9-Methano-5H-pyrido[1',2':1,2]azepino[4,5-b]indole

**Molecular Weight** 458.9

**Purity** >98% by HPLC

**Targets** nicotinic receptor

**Solubility** H<sub>2</sub>O

### Storage and Shipping Information

**Storage** -20 centigrade

**Shipping Conditions** Gel pack