

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 (IC50 = 59.6 μ M).

Product Information

Appearance White to off-white solid

CAS No. 2468-21-5

Molecular Formula C₂₁H₂₄N₂O₂

Chemical Name Methyl (2 α ,5 β ,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 H₂O

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions Gel pack