

Product Name : Vinblastine

Synonyms : —

Cat No. : M16277

CAS Number : 865-21-4

Molecular Formula : C₄₆H₅₈N₄O₉

Formula Weight : 810.97

Chemical Name : Dimethyl(2β,3β,4β,5α,12β,19α)-15-[(5S,9S)-5-ethyl-5-hydroxy-9-(methoxycarbonyl)-1,4,5,6,7,8,9,10-octahydro-2H-3,7-methanoazacycloundecino[5,4-b]indol-9-yl]-3-hydroxy-16-methoxy-1-methyl-6,7-didehydroaspidospermidine-3,4-dicarboxylate

Description : A cytotoxic alkaloid that binds tubulin and inhibits the assembly of microtubules; a chemotherapy agent for treatment of a number of types of cancer. Chemotherapeutic Agents Approved

Pathway : Cytoskeleton/Cell Adhesion Molecules

Target : Microtubule/Tubulin

Receptor : microtubule;nAChR

Solubility : DMSO: ≥ 42 mg/mL

SMILES : CCC1(CC2CC(C3=C(CCN(C2)C1)C4=CC=CC=C4N3)(C5=C(C=C6C(=C5)C78CCN9C7C(C=CC9)(C(C(C8N6C)(C(=O)OC)O)OC(=O)C)CC)OC)C(=O)OC)O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

