

Product Name : Vinblastine sulfate

Synonyms : 29060LE; Alkaban-AQ; Exal; NSC 49842; Rozevinsulfate; Velban; Velsar

Cat No. : M11857

CAS Number : 143-67-9

Molecular Formula : C₄₆H₅₈N₄O₉·H₂SO₄

Formula Weight : 909.06

Chemical Name : —

Description : Vinblastine sulfate can inhibit the formation of microtubule, it also inhibit nAChR (IC₅₀=8.9 uM).

Pathway : Endocrinology/Hormones

Target : AChR

Receptor : nAChR

Solubility : Soluble in DMSO

SMILES : CC[C@@]1(C[C@@H]2C[C@@](C3=C(CCN(C2)C1)C4=CC=CC=C4N3)(C5=C(C=C6C(=C5)[C@]78CCN9[C@H]7[C@@](C=CC9)([C@H]([C@@]([C@@H]8N6C)(C(=O)OC)O)OC(=O)C)CC)OC)C(=O)OC)O.OS(=O)(=O)O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Gigant B, et al. Nature, 2005, 435(7041), 519-522.

