

产品名称 : Ansamitocin P-3

同义词 : Maytansinol butyrate

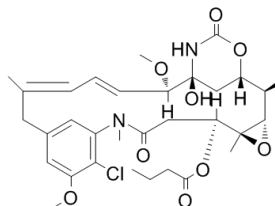
产品货号 : M15536

CAS Number : 66547-09-9

分子式 : C₃₂H₄₃ClN₂O₉

分子量 : 635.1448

化学全名 : Maytansine, 3-O-de[2-(acetylmethylamino)-1-oxopropyl]-3-O-(1-oxobutyl)-



产品描述 : A microtubule depolymerizing agent that can be isolated from culture broths of certain Gram-positive bacteria; binds tubulin (Kd=1.3 uM), depolymerizes microtubules in both interphase and mitosis, and perturbs chromosome segregation; inhibits the growth of cancer cells in culture and significantly suppresses the growth of several cancer tumors in mice.

通路 : Antibody Drug Conjugates (ADC)

靶点 : ADC Cytotoxin

受体 : microtubule

溶解度 : 10 mM in DMSO

SMILES : ClC[C@@H]1[C@@H]2C[C@]([C@@H]1)/C=C/C=CC(=C(C(=C3)OC)Cl)N(C(=O)C[C@@H]([C@]4([C@H]1O4)C)OC(=O)C(C)C)C)OC(NC(=O)O2)O

存储条件 : (-20℃)

稳定性 : ≥ 2 years

参考文献 :

1. Ootsu K, et al. *Cancer Res.* 1980 May;40(5):1707-17. 2. Venghateri JB, et al. *PLoS One.* 2013 Oct 4;8(10):e75182. 3. Martin K, et al. *Cancer Immunol Immunother.* 2014 Sep;63(9):925-38.

仅限科学研究使用，不得用于人体。