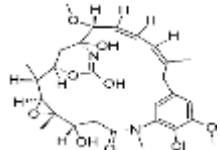


PRODUCT: Maytansinol

ALTERNATE NAMES: (14S,16S,32S,33S,2R,4S,10E,12E,14R)-86-chloro-14,4-dihydroxy-85,14-dimethoxy-33,2,7,10-tetramethyl-7-aza-1(6,4)-oxazinana-3(2,3)-oxirana-8(1,3)-benzenacyclotetradecaphane-10,12-diene-12,6-dione; Ansamitocin P-0

CATALOG NUMBER: B2015-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C₂₈H₃₇ClN₂O₈

MOLECULAR WEIGHT: 565.06

CAS NUMBER: 57103-68-1

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO

PURITY: ≥95%

STORAGE: Store at -20 °C. Protect from air and light

DESCRIPTION: Maytansinol is a potent microtubule depolymerizing agent. It inhibits the polymerization of tubulin and depolymerizes the once polymerized tubulin.

REFERENCES: Ikeyama, S., and Takeuchi, M. (1981). *Biochem. Pharmacol.* **30**, 2421-2425.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

ABT751 (Cat. No. 2836-5, 25)

Colchicine (Cat. No. 1519-1000)

Combretastatin A (Cat. No. 2239-10, 50)

Docetaxel (Cat. No. 2232-10, 50)

D-64131 (Cat. No. B1066-10, 50)

ELR-510444 (Cat. No. 9433-5,25)

Epothilone B (Cat. No. 2012-1,5)

Nocodazole (Cat. No. 2185-10, 50)

Paclitaxel (Cat. No. 1567-25)

Podophyllotoxin (Cat. No. 2767-50)

Pseudolaric acid B (Cat. No. 2512-1, 5)

Tamoxifen Citrate (Cat. No. 1551-1000)

Vinblastin sulfate (Cat. No. 1959-5, 25)

Vinorelbine tartrate (Cat. No. 1957-5, 25)

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans**