

Catalog Number: CM05122

产品信息

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CM05122

CAS号:
796073-69-3

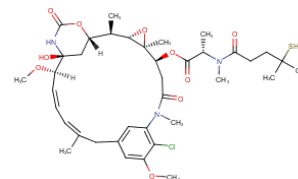
分子式:
 $C_{38}H_{54}ClN_3O_{10}S$

主要靶点:
Others|Microtubule Associated

主要通路:
细胞骨架|其他

分子量:
780.37

溶解度:
DMSO:99 mg/mL (126.86 mM), Sonification is recommended.



体外活性

DM4 is a cytotoxic maytansinoid drug and it is a structural analogue of maytansine. It also is a new thiol-containing and potent maytansinoid. It is synthesized in order to link maytansinoids to antibodies via disulfide bonds. Which enhance microtubule destabilization, so there is potent suppression of microtubule dynamics resulting in a mitotic block and subsequent apoptotic cell death[1].

描述

DM4 can be used in the preparation of antibody drug conjugate and it is an antitubulin agent. It can inhibit cell division.

储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years