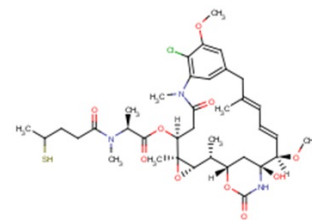


DM3

Chemical Properties

CAS No.: 796073-54-6
Formula: C₃₇H₅₂ClN₃O₁₀S
Molecular Weight: 766.34
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	DM3 (Maytansinoid DM3) is a maytansine mimic containing disulfide or thiol groups and a tubulin inhibitor. It is the cytotoxic part of antibody-drug conjugates (ADCs) .
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.305 mL	6.525 mL	13.049 mL
5 mM	0.261 mL	1.305 mL	2.61 mL
10 mM	0.13 mL	0.652 mL	1.305 mL
50 mM	0.026 mL	0.13 mL	0.261 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Chen H, et al. Tubulin Inhibitor-Based Antibody-Drug Conjugates for Cancer Therapy. Molecules. 2017 Aug 1;22(8).

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