
Product Data Sheet

Product Name: DM3
 Cat. No.: GC60143

Chemical Properties

Cas. No. 796073-54-6

SMILES C[C@]12[C@H]([C@@H]([C@](O3)([H])C[C@]([C@] (/C=C/C=C(C)/CC4=CC(N(C)C(C[C@]2([H])OC([C@H] (C)N(C)C(CCC(S)C)=O)=O)=O)=C(C(OC)=C4)Cl)([H])OC)(NC3=O)O)C)O1

Formula C₃₇H₅₂ClN₃O₁₀S M.Wt 766.34

Solubility Storage

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

DM3 (Maytansinoid DM3) is a maytansine analog bearing disulfide or thiol groups and a tubulin inhibitor, and is a cytotoxic moiety of antibody-drug conjugates (ADCs)[1].

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

Caution: Product has not been fully validated for medical applications. For research use only.

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