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**Product Data Sheet**

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Product Name: Tomaymycin DM

Cat. No.: GC70043

**Chemical Properties**

Cas. No. 945490-09-5

Formula  $C_{14}H_{14}N_2O_3$  M.Wt 258.27

Solubility DMSO : 100 mg/mL (387.19 mM; Need ultrasonic) Storage Store at -20°C, stored under nitrogen

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**

Tomaymycin DM, a DNA alkylator, is a derivative of Tomaymycin, it is a PBD dimer, which is attached to tumor targeting antibody-drug conjugates (**ADCs**).

[1]. Dr. Julia Mantaj, et al. From Anthramycin to Pyrrolobenzodiazepine (PBD)-Containing Antibody-Drug Conjugates (ADCs). *Angew Chem Int Ed Engl.* 2017 Jan 9; 56(2): 462-488.

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

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