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## Product Data Sheet

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Product Name: Deruxtecan analog

Cat. No.: GC33009

### Chemical Properties

Cas. No.

Formula

M.Wt

Solubility DMSO :  $\geq 50$  mg/mL (48.35 mM); Water :  $< 0.1$  mg/mL (insoluble) 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

Deruxtecan analog is a drug-linker conjugate for antibody-drug conjugate (ADC) extracted from patent WO2017002776A1, compound 1.

Antibody-drug conjugates deliver anticancer agents selectively and efficiently to tumor tissue and have significant antitumor efficacy with a wide therapeutic window[2].

[1]. NOGUCHI, Shigeru, et al. METHOD FOR SELECTIVELY MANUFACTURING ANTIBODY-DRUG CONJUGATE. WO2017002776A1. [2]. Ogitani Y, et al. Bystander killing effect of DS-8201a, a novel anti-human epidermal growth factor receptor 2 antibody-drug conjugate, in tumors with human epidermal growth factor receptor 2 heterogeneity. Cancer Sci. 2016 Jul;107(7):1039-46.

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

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