
Product Data Sheet

Product Name: Lys-SMCC-DM1 (Lys-Nε-MCC-DM1)

Cat. No.: GC33500

Chemical Properties

Cas. No. 1281816-04-3

SMILES C[C@]1([C@@](CC(N(C(C=C2C=C3OC)=C3Cl)C)=O)([H])OC([C@H](C)N(C)C(CCS[C@@H](CC4=O)C(N4C[C@@H]5CC[C@@H](C(NCCCC[C@H](N)C(O)=O)=O)CC5)=O)=O)[C@H]([C@@H]([C@](OC6=O)([H])C[C@]([C@]/C=C/C=C(C)/C2)([H])OC)(N6)O)C)O1

Formula C₅₃H₇₅ClN₆O₁₅S M.Wt 1103.71

Solubility Soluble in DMSO Storage Store at -20°C

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**

Lys-SMCC-DM1 is the active metabolite of T-DM1. T-DM1 is an FDA approved HER2-targeting ADC.

[1]. 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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