
Product Data Sheet

Product Name: (Rac)-Lys-SMCC-DM1

Cat. No.: GC64069

Chemical Properties

Cas. No.

Formula C53H75CIN6O15S M.Wt 1103.71

Solubility Storage 4°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

(Rac)-Lys-SMCC-DM1 ((Rac)-Lys-N ϵ -MCC-DM1) is the racemate of Lys-SMCC-DM1 . Lys-SMCC-DM1 is a linker-payload component that has the potential to inhibit tubulin polymerization. Lys-SMCC-DM1 is the active metabolite of T-DM1[1].

[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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