
Product Data Sheet

Product Name: Exatecan D5 mesylate

Cat. No.: GC62184

Chemical Properties

Cas. No. 2819276-88-3

Formula $C_{25}H_{21}D_5FN_3O_7S$ M.Wt 536.58

Solubility Storage 4°C, stored under nitrogen, away from moisture and light

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**

Exatecan D5 mesylate (DX8951f-D5) is deuterium labeled Exatecan Mesylate. Exatecan mesylate is a DNA topoisomerase I inhibitor, with an IC₅₀ of 0.975 µg/mL[1].

[1]. Mitsui I, et al. A new water-soluble camptothecin derivative, DX-8951f, exhibits potent antitumor activity against human tumors in vitro and in vivo. Jpn J Cancer Res. 1995 Aug;86(8):776-82.

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

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