

Product Data Sheet

Product Name: C791-0064

Cat. No.: GC79002

Chemical Properties

Cas. No. 902940-64-1

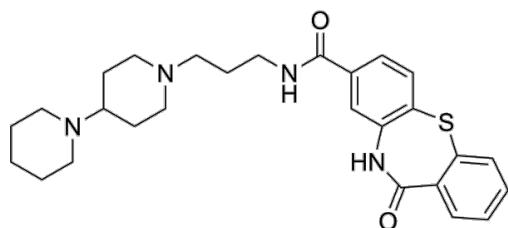
Formula $C_{27}H_{34}N_4O_2S$ M.Wt 478.65

Solubility 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

C791-0064 is a RAD52 inhibitor. C791-0064 specifically binds to RAD52 and disrupts its single-strand annealing activity. C791-0064 specifically inhibits the proliferation of cancer cells with BRCA2 deficiency, inducing DNA damage and apoptosis (apoptosis). C791-0064 can be used for the study of BRCA mutation-related cancers (such as breast cancer and ovarian cancer) [1].

References:

[1]. Yang Q, et al. Identification of a RAD52 Inhibitor Inducing Synthetic Lethality in BRCA2-Deficient Cancer Cells. Front Pharmacol. 2021 Apr 29;12:637825.

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

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