

Product Data Sheet

Product Name: PROTAC BRD4 Degradar-9

Cat. No.: GC64436

Chemical Properties

Cas. No. 2417370-42-2

Formula C₅₉H₇₁F₂N₉O₁₅S₄

M.Wt 1312.5

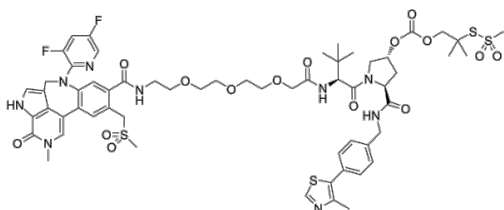
Solubility

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

PROTAC BRD4 Degradar-9 (compound 8a) is a PROTAC connected by ligands for von Hippel-Lindau and BRD4. PROTAC BRD4 Degradar-9 can be conjugated with STEAP1 and CLL1 antibodies to degrade the BRD4 protein in PC3 prostate cancer cells, with a DC50 of 0.86 nM and 7.6 nM, respectively[1].

[1]. Dragovich PS, et, al. Antibody-Mediated Delivery of Chimeric BRD4 Degraders. Part 2: Improvement of In Vitro Antiproliferation Activity and In Vivo Antitumor Efficacy. J Med Chem. 2021 Mar 11;64(5):2576-2607.

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

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