

Product Data Sheet

Product Name: XY028-133

Cat. No.: GC62701

Chemical Properties

Cas. No. 2229974-73-4

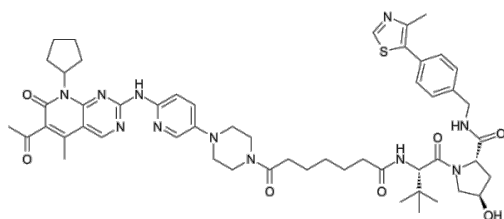
Formula $C_{53}H_{67}N_{11}O_7S$ M.Wt 1002.23

Solubility DMSO : 50 mg/mL (49.89 mM; Need ultrasonic) Storage Store at -20°C, sealed storage, 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

XY028-133 (example 14) is a PROTAC-based CDK4/6 degrader with anti-tumor activity[1].

XY028-133 (1 and 3 μ M, 24 h) significantly decreases CDK4/6, Cyclin A, PLK1 and pRb protein levels in A375 cells[1].

[1]. JIN, Jian, et al. COMPOSITIONS AND METHODS FOR TREATING CDK4/6-MEDIATED CANCER. Patent. US2017/065027.

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

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