

Product Data Sheet

Product Name: XY028-140

Cat. No.: GC62139

Chemical Properties

Cas. No. 2229974-83-6

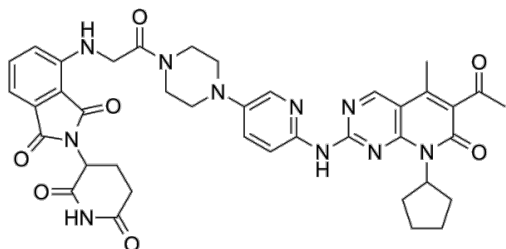
Formula $C_{39}H_{40}N_{10}O_7$ M.Wt 760.8

Solubility DMSO : 5.56 mg/mL (7.31 mM; ultrasonic and warming and heat to 60°C) 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

XY028-140 is a selective CDK4/CDK6 degrader. XY028-140 inhibits both CDK4/6 expression and CDK4/6 activity in cancer cells[1].

A375 melanoma and T47D breast cancer cells are treated with 0.3 or 1 μ M XY028-140 for 24 hours. XY028-140 inhibits both CDK4/6 expression and CDK4/6 activity[1]. T47D breast cancer cells are treated with 0.03, 0.1, 0.3, 1, or 3 μ M XY028-140 for 11 days. XY028-140 inhibits cancer cell

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

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proliferation in breast cancer cells[1].

[1]. Jian Jin, et al. Compositions and methods for treating cdk4/6-mediated cancer.
WO2018106870A1.

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