

Product Data Sheet

Product Name: CDK4/6-IN-6

Cat. No.: GC64802

Chemical Properties

Cas. No. 2380321-51-5

Formula C₂₂H₂₇ClFN₅O₃

M.Wt 463.93

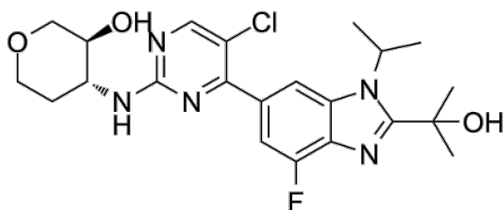
Solubility DMSO : 250 mg/mL (538.87 mM; Need ultrasonic)

Storage 4°C, protect from 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

CDK4/6-IN-6 (example A94) is a potent CDK4/CDK6 inhibitor with a K_i of 0.6 nM and 13.9 nM for CDK4/Cyclin D1 and CDK6/Cyclin D3, respectively[1].

CDK4/6-IN-6 (example A94) has IC₅₀s of 38.5 nM and 144.9 nM for CDK4/Cyclin D1 and

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

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CDK6/Cyclin D3 using phospho-Rb S795 ELISA assays in JEKO-1 and MV4-1 1 cells[1].

[1]. Ping Chen, et al. 2-amino-pyridine or 2-amino-pyrimidine derivatives as cyclin dependent kinase inhibitors. WO2019207463A1.

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