

Product Data Sheet

Product Name: SRX3177

Cat. No.: GC73504

Chemical Properties

Cas. No. 2241237-51-2

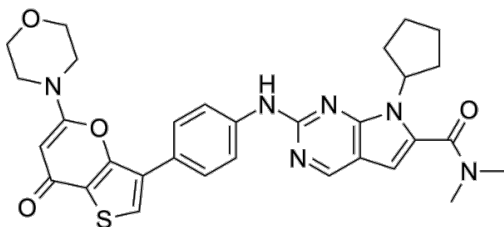
Formula $C_{31}H_{32}N_6O_4S$ M.Wt 584.69

Solubility DMSO : 25 mg/mL (42.76 mM; Need ultrasonic) Storage -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

SRX3177 is a triple inhibitor of CDK4/6, PI3K, and BRD4, with IC50s of 33 nM (BRD4 BD1), 89 nM

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

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(BRD4 BD2), 79 nM (PI3K α), 83 nM (PI3K δ), 3.18 μ M (PI3K γ), <2.5 nM (CDK4), 3.3 nM (CDK6), respectively. SRX3177 exerts broad cytotoxic activity against cancer cells, but acts friendly with normal epithelial cells.

References:

[1]. Burgoyne AM, et al. A triple action CDK4/6-PI3K-BET inhibitor with augmented cancer cell cytotoxicity. Cell Discov. 2020 Jul 28;6(1):49.

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