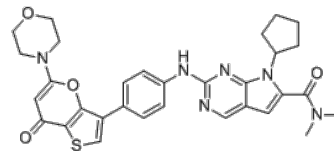


Product Name : SRX3177
Cat. No. : PC-73383
CAS No. : 2241237-51-2
Molecular Formula : C₃₁H₃₂N₆O₄S
Molecular Weight : 584.695
Target : Bromodomain
Solubility : 10 mM in DMSO



Biological Activity

SRX3177 is a potent, triple **BRD4/PI3K/CDK4/6** inhibitor with nanomolar potency against PI3K α (IC₅₀=79 nM), BRD4 bromodomains (BD1 and BD2) (IC₅₀=33 nM and 89 nM, respectively), and CDK4/6 (IC₅₀=2.5/3.3 nM).

SRX3177 is capable of targeting BRD4, PI3K and CDK4/6 simultaneously, induces apoptosis and cell cycle arrest and has in vitro efficacy in mantle cell lymphoma, hepatocellular carcinoma and neuroblastoma models.

SRX3177 has antitumor efficacy in in vivo xenograft models and is less toxic than the combination of agents that inhibit individual targets.

References

Kendra R Vann, et al. *Sci Rep.* 2020 Jul 21;10(1):12027.

Adam M Burgoyne, et al. *Cell Discov.* 2020 Jul 28;6(1):49.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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