

Product Data Sheet

Product Name: SJF α
Cat. No.: GC33229

Chemical Properties

Cas. No. 2254609-27-1

SMILES FC1=CC=C(NC(C2(CC2)C(NC3=CC(F)=C(OC4=C(C=C(OC)C(OCCCCOCCCCOCC(N[C@@H](C(C)(C)C)C(N5[C@H](C(NCC6=CC=C(C7=C(C)N=CS7)C=C6)=O)C[C@@H](O)C5)=O)=O)=C8)C8=NC=C4)C=C3)=O)=O)C=C1

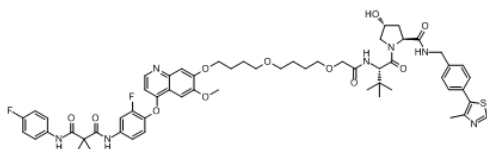
Formula C₅₉H₆₇F₂N₇O₁₁S M.Wt 1120.27

Solubility Soluble in DMSO 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

SJF α is a 13-atom linker PROTAC. SJF α degrades p38 α with a DC₅₀ of 7.16 nM, but is far less effective at degrading p38 δ (DC₅₀=299 nM) and does not degrade the other p38 isoforms (β and γ) at concentrations up to 2.5 μ M[1].

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

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[1]. Smith BE, et al. Differential PROTAC substrate specificity dictated by orientation of recruited E3 ligase. Nat Commun. 2019 Jan 10;10(1):131.

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