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**Product Data Sheet**


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Product Name: SJF $\alpha$   
 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)=O=C8)C8=NC=C4)C=C3)=O)=O)C=C1

Formula C<sub>59</sub>H<sub>67</sub>F<sub>2</sub>N<sub>7</sub>O<sub>11</sub>S M.Wt 1120.27

Solubility Soluble in DMSO Storage Store at -20°C

General 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 Evaluation sample solution : ship with blue ice All other available size: ship with RT , or Condition blue ice upon request.

Structure

**Background**

SJF $\alpha$  is a 13-atom linker PROTAC. SJF $\alpha$  degrades p38 $\alpha$  with a DC50 of 7.16 nM, but is far less effective at degrading p38 $\delta$  (DC50=299 nM) and does not degrade the other p38 isoforms ( $\beta$  and  $\gamma$ ) at concentrations up to 2.5  $\mu$ M[1].

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

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

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