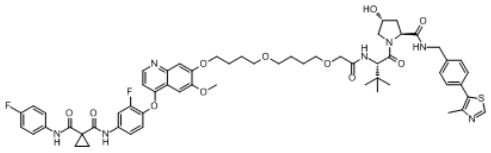
Product Data Sheet

Product Name: SJFα
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	$C_{59}H_{67}F_2N_7O_{11}S$	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

SJFα is a 13-atom linker PROTAC. SJFα degrades p38α with a DC50 of 7.16 nM, but is far less effective at degrading p38δ (DC50=299 nM) and does not degrade the other p38 isoforms (β and γ) at concentrations up to 2.5 μM[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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