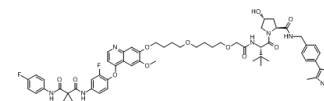


SJF α

Cat. No.:	HY-114404
CAS No.:	2254609-27-1
Molecular Formula:	C ₅₉ H ₆₇ F ₂ N ₇ O ₁₁ S
Molecular Weight:	1120.27
Target:	p38 MAPK; PROTAC
Pathway:	MAPK/ERK Pathway; PROTAC
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	SJF α is a 13-atom linker PROTAC. SJF α degrades p38 α with a DC ₅₀ of 7.16 nM, but is far less effective at degrading p38 δ (DC ₅₀ =299 nM) and does not degrade the other p38 isoforms (β and γ) at concentrations up to 2.5 μ M ^[1] .		
IC ₅₀ & Target	p38 α 7.16 nM (DC50)	p38 δ 299 nM (DC50)	PROTAC

REFERENCES

[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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