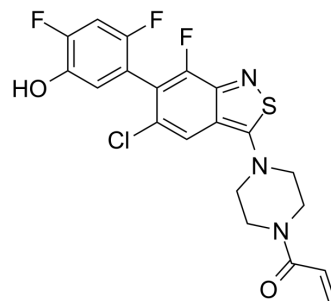


KRAS inhibitor-18

Cat. No.:	HY-146476
CAS No.:	2230873-66-0
Molecular Formula:	C ₂₀ H ₁₅ ClF ₃ N ₃ O ₂ S
Molecular Weight:	453.87
Target:	Ras
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	KRAS inhibitor-18 (compound 3-10) is a potent KRAS G12C inhibitor with an IC ₅₀ of 4.74 μM. KRAS inhibitor-18 shows p-ERK inhibition activities with IC ₅₀ s of 66.4, 11.1 μM in MIA PaCA-2, A549 cells, respectively. KRAS inhibitor-18 has the potential for the research of pancreatic, colorectal, and lung cancers ^[1] .
IC ₅₀ & Target	KRas G12C 4.74 μM (IC ₅₀)

REFERENCES

[1]. Brian alan, et al. KRAS g12c inhibitors and methods of using the same. WO2018119183 A2

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

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