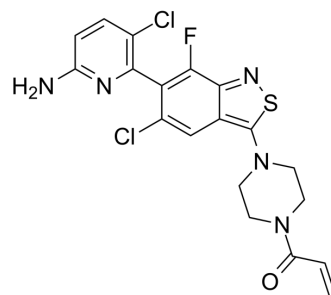


KRAS inhibitor-12

Cat. No.:	HY-146533
CAS No.:	2230874-00-5
Molecular Formula:	C ₁₉ H ₁₆ Cl ₂ FN ₅ OS
Molecular Weight:	452.33
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-12 (compound 6-1) is a potent KRAS G12C inhibitor with an IC ₅₀ of 0.537 μM. KRAS inhibitor-12 shows p-ERK inhibition activities with IC ₅₀ s of 1.3, 3.7 μM in MIA PaCA-2, A549 cells, respectively. KRAS inhibitor-12 has the potential for the research of pancreatic, colorectal, and lung cancers ^[1] .
IC₅₀ & Target	KRas G12C 0.537 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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