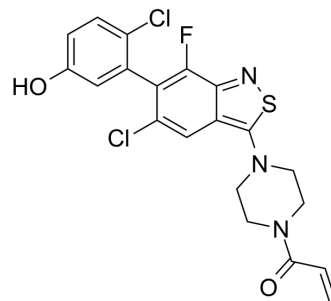


KRAS inhibitor-16

Cat. No.:	HY-146546
CAS No.:	2230873-67-1
Molecular Formula:	C ₂₀ H ₁₆ Cl ₂ FN ₃ O ₂ S
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-16 (compound 3-11) is a potent KRAS G12C inhibitor with an IC₅₀ of 0.457 μM. KRAS inhibitor-16 shows p-ERK inhibition activities with IC₅₀s of 3.06, 11.1 μM in MIA PaCA-2, A549 cells, respectively. KRAS inhibitor-16 has the potential for the research of pancreatic, colorectal, and lung cancers^[1].

IC₅₀ & Target KRas G12C
0.457 μM (IC₅₀)

REFERENCES

[1]. Brian Alan LANMAN, et al. Kras g12c inhibitors and methods of using the same. US20180334454A1.

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

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