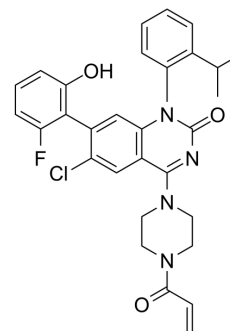


KRAS G12C inhibitor 47

Cat. No.:	HY-146537
CAS No.:	2253119-24-1
Molecular Formula:	C ₃₀ H ₂₈ ClFN ₄ O ₃
Molecular Weight:	547.02
Target:	Ras
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description KRAS G12C inhibitor 47 (compound 8-1-1) is a potent KRAS G12C inhibitor with an IC₅₀ of 0.172 μM. KRAS G12C inhibitor 47 shows p-ERK inhibition activities with IC₅₀s of 0.046, 69.8 μM in MIA PaCA-2, A549 cells, respectively. KRAS G12C inhibitor 47 has the potential for the research of pancreatic, colorectal, and lung cancers^[1].

IC₅₀ & Target KRas G12C
0.172 μM (IC₅₀)

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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA