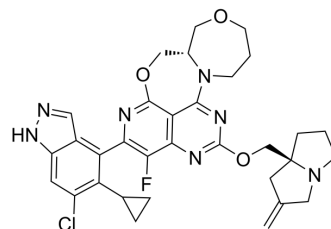


KRAS inhibitor-37

Cat. No.:	HY-169311
CAS No.:	3058573-95-5
Molecular Formula:	C ₃₂ H ₃₃ ClFN ₇ O ₃
Molecular Weight:	618.1
Target:	Ras
Pathway:	GPCR/G Protein; MAPK/ERK Pathway
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	KRAS inhibitor-37 (compound 2) is a potent KRAS inhibitor with K _{DS} of 0.004 nM, 0.041 nM, 0.019 nM and 0.144 nM for KRAS wild type, KRAS G12D, KRAS G12C and KRAS G12V by SPR binding assay, respectively. KRAS inhibitor-37 inhibits cell proliferation with IC ₅₀ s of <2 nM-14 nM for H358, SW620, PANC08.13 cells, respectively. KRAS inhibitor-37 has the potential for cancer research ^[1] .			
IC₅₀ & Target	K-Ras WT 0.004 nM (Kd)	KRas G12D 0.041 nM (Kd)	KRas G12C 0.019 nM (Kd)	KRas G12V 0.144 nM (Kd)

REFERENCES

[1]. Benjamin Joseph Burke, et al. Pyrido[4,3-d]pyrimidine compounds. WO2024209339A1.

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