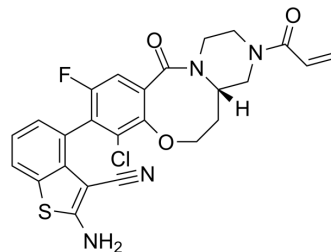


KRAS G12C inhibitor 18

Cat. No.:	HY-132979
CAS No.:	2649788-45-2
Molecular Formula:	C ₂₅ H ₂₀ ClFN ₄ O ₃ S
Molecular Weight:	510.97
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 18 is a potent and orally active KRAS G12C inhibitor. Anti-tumor activities ^[1] .
IC₅₀ & Target	KRas G12C
In Vitro	KRAS G12C inhibitor 18 (compound 34) inhibits the growth of many KRas G12C mutant tumor cell lines (such as H358, SW1436, MiaPaca-2 cells, etc.) ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.
In Vivo	KRAS G12C inhibitor 18 exhibits a dose dependent inhibition of pERK and active KRas after a single dose treatment from 12.5 to 100 mg/kg at 8 hours ^[1] . KRAS G12C inhibitor 18 (30 mg/kg; p.o.; twice daily) exhibits anti-tumor growth activity in lung cancer H358 xenograft mouse model ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Serge Louis Boulet, et al. Kras g12c inhibitors. WO2021118877A1.

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

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