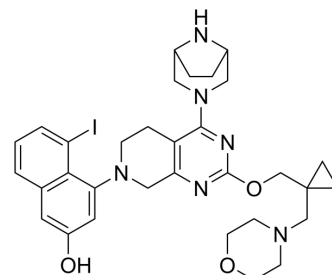


KRAS G12D inhibitor 16

Cat. No.:	HY-148260
CAS No.:	2648221-12-7
Molecular Formula:	C ₃₂ H ₃₉ IN ₆ O ₃
Molecular Weight:	682.59
Target:	Ras
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	KRAS G12D inhibitor 16 is a KRAS G12D inhibitor. KRAS G12D inhibitor 16 has inhibitory activity against KRAS G12D and KRAS G12D mutation with IC ₅₀ value of 0.7 nM and 0.35 μM, respectively. KRAS G12D inhibitor 16 can be used for the research of many malignant tumor, such as pancreatic ductal adenocarcinomas (PDAC), colon and rectal carcinomas (CRC), non-small cell lung carcinomas (NSCLC) ^[1] .
IC₅₀ & Target	KRas G12D 0.7 nM (IC ₅₀)
In Vitro	KRAS G12D inhibitor 16 has inhibitory activity for G12 with an IC ₅₀ value of 0.7 nM ^[1] . KRAS G12D inhibitor 16 shows growth inhibition activity KRAS-G12D mutant cell line (A-427) with an IC ₅₀ value of 0.35 μM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Yuichi Kawai, et al. A compound having inhibitory activity against kras g12d mutation. Patent. WO2021107160A1.

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

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