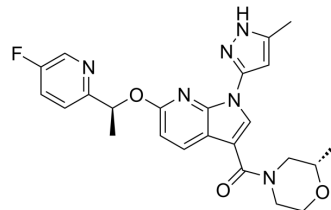


ALK-IN-5

Cat. No.:	HY-128569
CAS No.:	2351929-66-1
Molecular Formula:	C ₂₄ H ₂₅ FN ₆ O ₃
Molecular Weight:	464.49
Target:	Anaplastic lymphoma kinase (ALK)
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	ALK-IN-5 is a potent, selective, and brain-penetrant inhibitor of anaplastic lymphoma kinase (ALK), with an IC ₅₀ of 2.9 nM ^[1] .
IC ₅₀ & Target	IC ₅₀ : 2.9 nM (ALK) ^[1]
In Vitro	ALK-IN-5 potently inhibits ALK with cellular IC ₅₀ of 27 nM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Fushimi M, et al. Discovery of Potent, Selective, and Brain-Penetrant 1 H-Pyrazol-5-yl-1 H-pyrrolo[2,3- b]pyridines as Anaplastic Lymphoma Kinase (ALK) Inhibitors. J Med Chem. 2019 May 23;62(10):4915-4935.

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

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