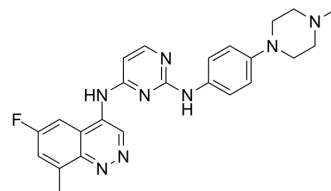


ALK5-IN-30

Cat. No.:	HY-151279
CAS No.:	2785430-86-4
Molecular Formula:	C ₂₄ H ₂₅ FN ₈
Molecular Weight:	444.51
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	ALK5-IN-30 (EX-07) is a potent ALK inhibitor, inhibits ALK5 and TGFβ-R1 with both IC ₅₀ s <10 nM ^[1] .
IC ₅₀ & Target	IC ₅₀ : <10 nM (ALK5) ^[1]
In Vitro	ALK5-IN-30 (EX-07) exhibits kinase selectivity on ALK5 over ALK2, with selectivity index of ALK2/ALK5 >10 ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Petermann Oliver, et al. Preparation of carboxymethyl cellulose having improved storage stability: World Intellectual Property Organization, WO2022162133[P]. 2022-08-04.

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

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