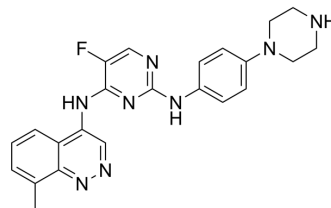


ALK5-IN-32

Cat. No.:	HY-151282
CAS No.:	2785430-88-6
Molecular Formula:	C ₂₃ H ₂₃ FN ₈
Molecular Weight:	430.48
Target:	TGF-β Receptor; TGF-beta/Smad
Pathway:	TGF-beta/Smad; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	ALK5-IN-32 (compound EX-09) is a selective ALK-5 inhibitor (10 nM IC_{50} <math><100</math> nM), inhibits TGF-β-induced SMAD signaling. ALK5-IN-32 has the potential to inhibit growth of tumour in vivo. ALK5-IN-32 can be used in study of proliferative diseases such as cancer, fibrotic diseases, and systemic sclerosis ^[1] .
IC ₅₀ & Target	ALK-5 ^[1] .

REFERENCES

[1]. Bettina FRANZ, et al. Alk-5 inhibitors and uses thereof. Patent WO2022126133A1.

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

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