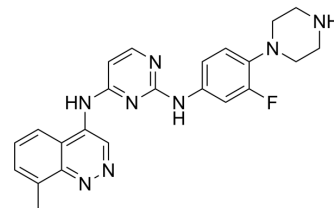


ALK5-IN-31

Cat. No.:	HY-151281
CAS No.:	2785430-87-5
Molecular Formula:	C ₂₃ H ₂₃ FN ₈
Molecular Weight:	430.48
Target:	TGF-β Receptor
Pathway:	TGF-beta/Smad
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description ALK5-IN-31 (compound Ex-08) is a selective ALK-5 inhibitor ($IC_{50} \leq 10$ nM), inhibits TGF-β-induced SMAD signaling. ALK5-IN-31 has the potential to inhibit growth of tumour in vivo. ALK5-IN-31 can be used in study of proliferative diseases such as cancer, fibrotic diseases, and systemic sclerosis^[1].

IC₅₀ & 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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