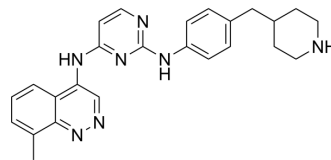


## ALK5-IN-28

Cat. No.:	HY-151275
CAS No.:	2785430-84-2
Molecular Formula:	C <sub>25</sub> H <sub>27</sub> N <sub>7</sub>
Molecular Weight:	425.53
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-28 (compound Ex-05) is a selective ALK-5 inhibitor (IC <sub>50</sub> ≤ 10 nM), inhibits TGF-β-induced SMAD signaling. ALK5-IN-28 has the potential to inhibit growth of tumour in vivo. ALK5-IN-28 can be used in study of proliferative diseases such as cancer, fibrotic diseases, and systemic sclerosis <sup>[1]</sup> .
IC <sub>50</sub> & Target	ALK5 ≤ 10 nM (IC <sub>50</sub> )

## 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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