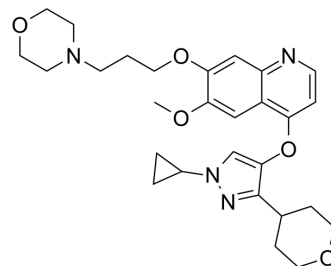


## ALK5-IN-6

Cat. No.:	HY-142950
CAS No.:	2657720-04-0
Molecular Formula:	C <sub>28</sub> H <sub>36</sub> N <sub>4</sub> O <sub>5</sub>
Molecular Weight:	508.61
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-6 is a potent inhibitor of ALK5. Transforming growth factor beta (TGF-β) is a multifunctional cytokine that is involved in regulating cell proliferation, differentiation and apoptosis through complex receptor signaling pathways on the cell surface in an autocrine, paracrine and endocrine manner. ALK5-IN-6 has the potential for the research of TGF-β-related diseases and conditions, including but not limited to tumors, fibrotic diseases, inflammatory diseases, autoimmune diseases, etc (extracted from patent WO2021129621A1, compound 1)<sup>[1]</sup>.

## REFERENCES

[1]. Tang Feng, et al. Pyrazoles. Patent WO2021129621A1.

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

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