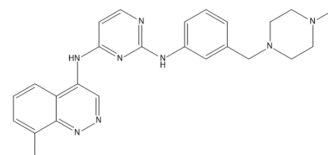


## ALK5-IN-27

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-151273   |
| CAS No.:           | 2785430-83-1  |
| Molecular Formula: | C <sub>25</sub> H <sub>28</sub> N <sub>8</sub>  |
| Molecular Weight:  | 440.54  |
| 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-27 (Compound EX-04) is a potent ALK-5 inhibitor with an IC <sub>50</sub> ≤10 nM. ALK5-IN-27 also inhibits ALK-2 (selectivity ALK2/ALK5 ≤10) <sup>[1]</sup> . |      |
| IC <sub>50</sub> & Target | ALK5<br>≤10 nM (IC <sub>50</sub> )   | ALK2 |

### 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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