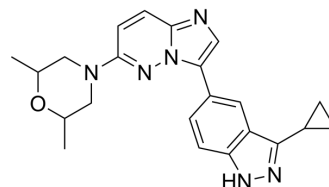


## TAK1-IN-5

Cat. No.:	HY-157871
Molecular Formula:	C <sub>22</sub> H <sub>24</sub> N <sub>6</sub> O
Molecular Weight:	388.47
Target:	MAP3K
Pathway:	MAPK/ERK Pathway
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

Description	TAK1-IN-5 (Compound 26) is an inhibitor of the transforming growth factor- $\beta$ activated kinase (TAK1) with an IC <sub>50</sub> value of 55 nM. TAK1-IN-5 can inhibit the growth of MPC-11 and H929 cells with a GI <sub>50</sub> lower than 30 nM. TAK1-IN-5 can be used in the study of multiple myeloma [1].
IC <sub>50</sub> & Target	IC50: 55 nM (TAK1)[1].

## REFERENCES

[1]. Akwata D, et al. Discovery of imidazo[1,2-b]pyridazine-containing TAK1 kinase inhibitors with excellent activities against multiple myeloma. RSC Med Chem. 2023 Nov 28;15(1):178-192.

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

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