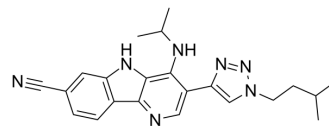


## IRAK4-IN-9

Cat. No.:	HY-143485
CAS No.:	2681278-07-7
Molecular Formula:	C <sub>22</sub> H <sub>25</sub> N <sub>7</sub>
Molecular Weight:	387.48
Target:	IRAK4
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	IRAK4-IN-9 (compound 73) is a potent IRAK4 inhibitor with an IC <sub>50</sub> of 1.5 nM. IRAK4-IN-9 blocks MyD88 dependent signaling. IRAK4-IN-9 has the potential for the research of inflammatory diseases, autoimmune diseases, and cancer <sup>[1]</sup> .
IC <sub>50</sub> & Target	IRAK4 1.5 nM (IC <sub>50</sub> )

### REFERENCES

[1]. Sabnis RW. Novel Tricyclic Heteroaryl Compounds as IRAK4 Inhibitors for Treating Cancer, Autoimmune and Inflammatory Diseases. ACS Med Chem Lett. 2022 Feb 28;13(3):336-337.

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

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