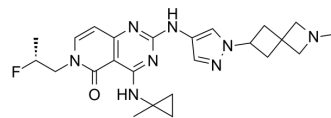


## IRAK4-IN-12

Cat. No.:	HY-146073
Molecular Formula:	C <sub>24</sub> H <sub>31</sub> FN <sub>8</sub> O
Molecular Weight:	466.55
Target:	IRAK
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	IRAK4-IN-12 (compound 37) is a potent IRAK4 inhibitor with an IC <sub>50</sub> of 0.015 μM. IRAK4-IN-12 shows cell pIRAK4 potencies with an IC <sub>50</sub> of 0.5 μM <sup>[1]</sup> .
IC <sub>50</sub> & Target	IRAK4 0.015 μM (IC <sub>50</sub> )

### REFERENCES

[1]. Cumming IA, et al. Identification and optimisation of a pyrimidopyridone series of IRAK4 inhibitors. Bioorg Med Chem. 2022 Jun 1;63:116729.

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

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