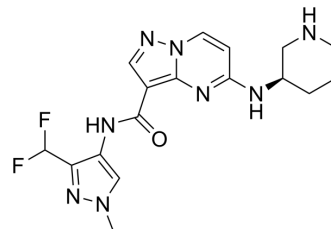


IRAK4-IN-16

Cat. No.:	HY-150593
CAS No.:	1812188-83-2
Molecular Formula:	C ₁₇ H ₂₀ F ₂ N ₈ O
Molecular Weight:	390.39
Target:	IRAK4
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	IRAK4-IN-16 (compound 4) is a potent IRAK4 (interleukin-1 receptor associated kinase 4) inhibitor, with an IC ₅₀ of 2.5 nM. IRAK4-IN-16 shows cytotoxicity activity against OCI-LY10, TMD8, Ramos and HT cells, with IC ₅₀ values of 0.2, 0.2, 0.6, and 2.7 μM, respectively ^[1] .
IC ₅₀ & Target	IRAK4 2.5 ± 0.8 nM (IC ₅₀)

REFERENCES

[1]. Chen Y, et al. Design and synthesis of Imidazo[1,2-b]pyridazine IRAK4 inhibitors for the treatment of mutant MYD88 L265P diffuse large B-cell lymphoma. Eur J Med Chem. 2020 Mar 15;190:112092.

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

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