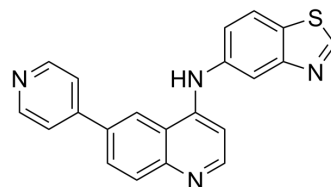


RIPK2-IN-5

Cat. No.:	HY-157325
CAS No.:	2885227-09-6
Molecular Formula:	C ₂₁ H ₁₄ N ₄ S
Molecular Weight:	354.43
Target:	RIP kinase
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	RIPK2-IN-5 (compound 14) is a high affinity and excellent selectivity RIPK2 inhibitor with an IC ₅₀ value of 5.1nM. RIPK2-IN-5 has cellular anti-inflammatory effect and can reduce the secretion of MDP-induced TNF- α with a dose-dependent manner. RIPK2-IN-5 shows moderate stability in human liver microsome. RIPK2-IN-5 can be used for the research of immune diseases [1].
IC ₅₀ & Target	IC ₅₀ : 5.1nM (RIPK2) ^[1] .

REFERENCES

[1]. Fan T, et al. Design, synthesis and biological evaluation of 4-aminoquinoline derivatives as receptor-interacting protein kinase 2 (RIPK2) inhibitors. J Enzyme Inhib Med Chem. 2023 Dec;38(1):282-293.

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

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