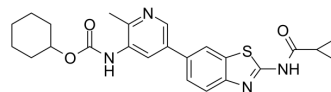


RIPK1-IN-12

Cat. No.:	HY-144277
CAS No.:	2173556-92-6
Molecular Formula:	C ₂₄ H ₂₆ N ₄ O ₃ S
Molecular Weight:	450.55
Target:	RIP kinase
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	RIPK1-IN-12 is a potent RIPK1 inhibitor. RIPK1-IN-12 inhibits necroptosis in both human and mouse cells, with EC ₅₀ values of 1.6 and 2.9 nM, respectively ^[1] .
IC ₅₀ & Target	RIPK1 ^[1]
In Vitro	RIPK1-IN-12 (Compound 58; 24 hours) demonstrates potent anti-necroptotic activity (EC ₅₀ =1.6 nM in HT-29 cells and EC ₅₀ =2.9 nM in L929 cells) ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Li Z, et al. Design, synthesis, and evaluation of potent RIPK1 inhibitors with in vivo anti-inflammatory activity. Eur J Med Chem. 2022, 228:114036.

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

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