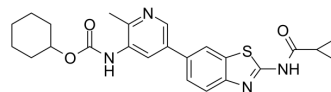


## RIPK1-IN-12

Cat. No.:	HY-144277
CAS No.:	2173556-92-6
Molecular Formula:	C <sub>24</sub> H <sub>26</sub> N <sub>4</sub> O <sub>3</sub> S
Molecular Weight:	450.55
Target:	RIP kinase; Necroptosis
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 <sub>50</sub> values of 1.6 and 2.9 nM, respectively <sup>[1]</sup> .
IC <sub>50</sub> & Target	RIPK1 <sup>[1]</sup>
In Vitro	RIPK1-IN-12 (Compound 58; 24 hours) demonstrates potent anti-necroptotic activity (EC <sub>50</sub> =1.6 nM in HT-29 cells and EC <sub>50</sub> =2.9 nM in L929 cells) <sup>[1]</sup> . 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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