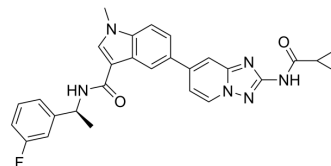


## RIPK1-IN-19

Cat. No.:	HY-157456
CAS No.:	2763831-43-0
Molecular Formula:	C <sub>28</sub> H <sub>25</sub> FN <sub>6</sub> O <sub>2</sub>
Molecular Weight:	496.54
Target:	RIP kinase
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	RIPK1-IN-19 (compound 10b) is a selective RIPK1 inhibitor (IC <sub>50</sub> =15 nM). RIPK1-IN-19 displays potent protective activity in TNF $\alpha$ -induced systemic inflammatory response syndrome (SIRS) model and Imiquimod (IMQ)-induced psoriasis model. RIPK1-IN-19 can be used in research on inflammation and immune system diseases <sup>[1]</sup> .
IC <sub>50</sub> & Target	RIPK1 15 nM (IC <sub>50</sub> )

### REFERENCES

[1]. Zhang L, et al. From Hit to Lead: Structure-Based Optimization of Novel Selective Inhibitors of Receptor-Interacting Protein Kinase 1 (RIPK1) for the Treatment of Inflammatory Diseases. *J Med Chem.* 2024 Jan 11;67(1):754-773.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA