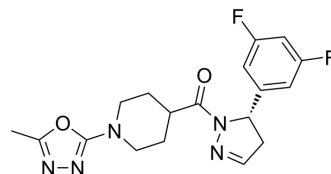


RIP1 kinase inhibitor 8

Cat. No.:	HY-155804
CAS No.:	2226735-54-0
Molecular Formula:	C ₁₈ H ₁₉ F ₂ N ₅ O ₂
Molecular Weight:	375.37
Target:	Necroptosis; RIP kinase
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	RIP1 kinase inhibitor 8 (Compound 77) is a potent and highly selective dihydropyrazole (DHP) RIP1 kinase inhibitor with an IC ₅₀ of 20 nM. RIP1 kinase inhibitor 8 prevents necrotic cell death. RIP1 kinase inhibitor 8 shows a favorable pharmacokinetic profile in multiple species ^[1] .
IC ₅₀ & Target	IC50: 20 nM (RIP1) ^[1]

REFERENCES

[1]. Harris PA, et al. Discovery and Lead-Optimization of 4,5-Dihydropyrazoles as Mono-Kinase Selective, Orally Bioavailable and Efficacious Inhibitors of Receptor Interacting Protein 1 (RIP1) Kinase. J Med Chem. 2019 May 23;62(10):5096-5110.

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

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