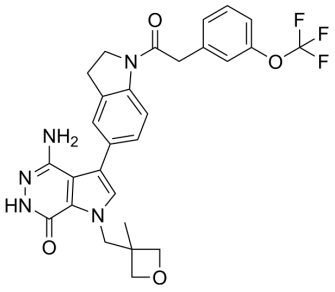
RIPK1-IN-20

Cat. No.:	HY-162097
Molecular Formula:	$C_{28}H_{26}F_3N_5O_4$
Molecular Weight:	553.53
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-20 (compound 13c) has a favorable RIPK1 kinase inhibition activity with an IC_{50} value of 59.8 nM. RIPK1-IN-20 blocks TNFα-induced necroptosis in both human and murine cells (EC_{50}=1.06–4.58 nM)[1].

REFERENCES

[1]. Chufeng Zhang, et al. Discovery of 4-amino-1,6-dihydro-7H-pyrrolo[2,3-d]pyridazin-7-one derivatives as potential receptor-interacting serine/threonine-protein kinase 1 (RIPK1) inhibitors. Eur J Med Chem. 2023.

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