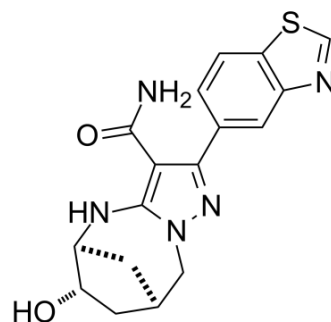


RIP2 kinase inhibitor 1

Cat. No.:	HY-133014
CAS No.:	2380028-10-2
Molecular Formula:	C ₁₇ H ₁₇ N ₅ O ₂ S
Molecular Weight:	355.41
Target:	RIP kinase
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	RIP2 kinase inhibitor 1 (compound 11) is a potent and selective receptor interacting protein 2 (RIP2) kinase inhibitor with an IC ₅₀ of 0.03 μM for RIP2 FP. RIP2 kinase inhibitor 1 is used for autoinflammatory disorders ^[1] .
IC₅₀ & Target	IC ₅₀ : 0.03 μM (RIP2) ^[1]
In Vitro	RIP2 kinase inhibitor 1 (compound 11) inhibits human whole blood (hWB; IC ₅₀ =0.05 μM), activin receptor-like kinase 5 (ALK5; IC ₅₀ >10 μM), VEGFR2 (IC ₅₀ =7.94 μM), lymphocyte-specific protein tyrosine kinase (LCK; IC ₅₀ =31.6 μM) ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Haffner CD, et al. Discovery of Pyrazolocarboxamides as Potent and Selective Receptor Interacting Protein 2 (RIP2) Kinase Inhibitors. *ACS Med Chem Lett.* 2019 Oct 11;10(11):1518-1523.

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