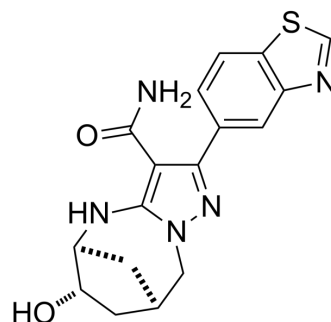


## RIP2 kinase inhibitor 1

Cat. No.:	HY-133014
CAS No.:	2380028-10-2
Molecular Formula:	C <sub>17</sub> H <sub>17</sub> N <sub>5</sub> O <sub>2</sub> 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

<b>Description</b>	RIP2 kinase inhibitor 1 (compound 11) is a potent and selective receptor interacting protein 2 (RIP2) kinase inhibitor with an IC <sub>50</sub> of 0.03 μM for RIP2 FP. RIP2 kinase inhibitor 1 is used for autoinflammatory disorders <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	IC <sub>50</sub> : 0.03 μM (RIP2) <sup>[1]</sup>
<b>In Vitro</b>	RIP2 kinase inhibitor 1 (compound 11) inhibits human whole blood (hWB; IC <sub>50</sub> =0.05 μM), activin receptor-like kinase 5 (ALK5; IC <sub>50</sub> >10 μM), VEGFR2 (IC <sub>50</sub> =7.94 μM), lymphocyte-specific protein tyrosine kinase (LCK; IC <sub>50</sub> =31.6 μM) <sup>[1]</sup> . 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.**

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