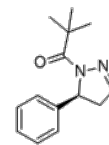


Product Name : GSK963
Cat. No. : PC-60549
CAS No. : 2049868-46-2
Molecular Formula : C₁₄H₁₈N₂O
Molecular Weight : 230.311
Target : RIP kinase
Solubility : 10 mM in DMSO



Biological Activity

GSK-963 (GSK963) is a potent and selective inhibitor of RIP1 kinase (**RIPK1**) with IC₅₀ of 29 nM in FP binding assays. GSK-963 displays excellent selectivity of against a panel of 339 kinases, including IDO. GSK-963 efficiently blocks necroptosis in both murine and human cells with IC₅₀ of 1 nM and 4 nM, respectively. GSK-963 demonstrates much greater protection from hypothermia in model of TNF-induced sterile shock, compared with Necrostatin-1.

References

- Berger SB, et al. *Cell Death Discov.* 2015 Jul 27;1:15009.
Rojas-Rivera D, et al. *Cell Death Differ.* 2017 Jun;24(6):1100-1110.
Lule S, et al. *Stroke.* 2017 Sep;48(9):2549-2556.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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