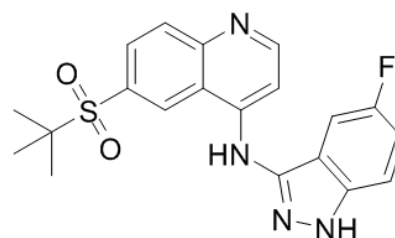


Product Name : GSK-583
Cat. No. : PC-42102
CAS No. : 1346547-00-9
Molecular Formula : C₂₀H₁₉FN₄O₂S
Molecular Weight : 398.4539
Target : RIP kinase
Solubility : DMSO: ≥ 37 mg/mL



Biological Activity

GSK-583 is a potent, selective and orally bioavailable **RIPK2** kinase inhibitor with IC₅₀ of 5 nM and 2 nM for human and rat RIP2, respectively.

GSK-583 displays robust selectivity against p38α and VEGFR2, and shows little or no inhibition of RIP3-dependent necroptotic cell death.

GSK-583 potently and dose dependently inhibits MDP-stimulated TNFα production in human monocytes and human whole blood with IC₅₀ of 8 nM and 237 nM, respectively.

GSK-583 inhibits MDP-induced inflammatory responses in vivo.

References

Haile PA, et al. *J Med Chem.* 2016 May 26;59(10):4867-80.

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

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