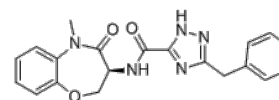


Product Name : GSK-2982772
Cat. No. : PC-63388
CAS No. : 1622848-92-3
Molecular Formula : C₂₀H₁₉N₅O₃
Molecular Weight : 377.404
Target : RIP kinase
Solubility : 10 mM in DMSO



Biological Activity

GSK-2982772 is a potent, selective, ATP competitive RIP1 kinase (**RIPK1**) inhibitor with IC₅₀ of 16 nM.

GSK-2982772 inhibits RIP1-dependent inflammatory cytokine MIP-1 β production in human whole blood with IC₅₀ of 0.5 nM.

GSK-2982772 reduces spontaneous production of cytokines (IL-1 β and IL-6) in a concentration-dependent fashion from ulcerative colitis explant tissue.

GSK-2982772 shows potential for the treatment of inflammatory diseases in vivo.

References

Harris PA, et al. *J Med Chem.* 2017 Feb 23;60(4):1247-1261.

Weisel K, et al. *Pharmacol Res Perspect.* 2017 Dec;5(6).

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

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