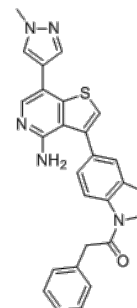


Product Name : GSK2593074A
Cat. No. : PC-36135
CAS No. : 1337531-06-2
Molecular Formula : C₂₇H₂₃N₅OS
Molecular Weight : 465.575
Target : RIP kinase
Solubility : 10 mM in DMSO



Biological Activity

GSK2593074A (GSK'074, GSK-2593074A) is novel potent, selective **RIP1/RIP3** kinase dual inhibitor, directly binds to RIP1 and RIP3 with K_d of 130 and 12 nM, respectively.

GSK2593074A potently inhibits necroptosis in various cell types (IC₅₀=3 nM both in MOVAS and L929 cells), blocks necroptosis signaling pathway.

GSK2593074A inhibits RIP3-dependent RIP1-independent necroptosis and inflammation, but does not induce apoptosis.

GSK2593074A attenuates cell death and inflammation in calcium phosphate injured aortae.

References

Zhou T, et al. **Cell Death Dis.** 2019 Mar 6;10(3):226.

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

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