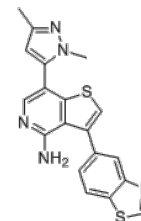


Product Name : GSK-843
Cat. No. : PC-38490
CAS No. : 1601496-05-2
Molecular Formula : C₁₉H₁₅N₅S₂
Molecular Weight : 377.484
Target : RIP kinase
Solubility : 10 mM in DMSO



Biological Activity

GSK-843 (GSK'843) is a specific small molecule receptor-interacting protein kinase 3 (**RIPK3**) inhibitor, binds to RIP3 kinase domain with high affinity (IC₅₀=8.6 nM).

GSK-843 (GSK'843) does not inhibit RIP1 kinase (RIPK1), and a panel of 300 human protein kinases.

GSK-843 (GSK'843) blocked TNF-induced necroptosis in a concentration-dependent manner in primary human neutrophils isolated from whole blood.

GSK-843 (GSK'843) inhibited TLR3- or DAI-induced death, two RIP1-independent pathways of necroptosis.

GSK-843 (GSK'843) induced caspase activation followed by apoptotic cell death in different cell types.

References

Mandal P, et al. *Mol Cell*. 2014 Nov 20;56(4):481-95.

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

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