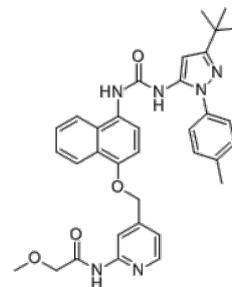


Product Name : JNJ-49095397
Cat. No. : PC-63395
CAS No. : 1220626-82-3
Molecular Formula : C₃₄H₃₆N₆O₄
Molecular Weight : 592.7
Target : p38 MAPK
Solubility : 10 mM in DMSO



Biological Activity

JNJ-49095397 (RV-568) is a specific narrow-spectrum kinase inhibitor that inhibits a selected set of kinases involved in COPD inflammation with IC₅₀ of 5, 40 and 52 nM for **p38 α** , p38 γ and HCK, respectively.

JNJ-49095397 (RV-568) shows potent anti-inflammatory effects in monocytes and macrophages, demonstrates synergistic interaction in poly I:C-stimulated BEAS-2B cells and in the cigarette smoke model combined with corticosteroid.

References

Onions ST, et al. *J Med Chem*. 2016 Mar 10;59(5):1727-46.

Charron CE, et al. *Eur Respir J*. 2017 Oct 26;50(4). pii: 1700188.

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

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