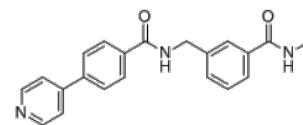


Product Name : PF-4950834
Cat. No. : PC-60681
CAS No. : 1256264-62-6
Molecular Formula : C₂₁H₁₉N₃O₂
Molecular Weight : 345.402
Target : ROCK
Solubility : 10 mM in DMSO



Biological Activity

PF-4950834 is a potent, selective, ATP-competitive and orally active **Rho kinase (ROCK)** inhibitor with IC₅₀ of 33.1 and 8.5 nM for ROCK1 and ROCK2, respectively.

PF-4950834 displays 5-140-fold selectivity over other AGC kinase family.

PF-4950834 inhibits Jurkat T cell migration with IC₅₀ of 68.4 nM, suppresses activation of both LPA- and thrombin-mediated activation of Rho kinase, and blocked both LPA-induced and thrombin-induced expression of ICAM-1 and VCAM-1 in HUVECs.

PF-4950834 attenuates leukocyte migration in vivo.

References

Rajagopalan LE, et al. *J Pharmacol Exp Ther.* 2010 Jun;333(3):707-16.

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

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