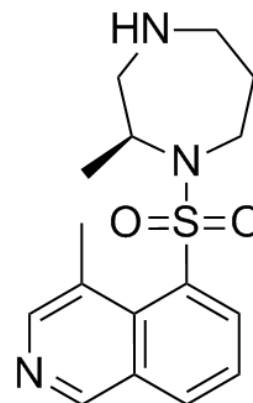


Product Name : H-1152
Cat. No. : PC-44656
CAS No. : 451462-58-1
Molecular Formula : C₁₆H₂₁N₃O₂S
Molecular Weight : 319.4218
Target : ROCK
Solubility : 10 mM in DMSO



Biological Activity

A potent and selective ROCK inhibitor with K_i of 1.6 nM; shows poor inhibition on other serine/threonine kinases; inhibits the phosphorylation of MARCKS in human neuroteratoma (NT-2) cells stimulated by Rho-activator lysophosphatidic acid.

References

- Ikenoya M, et al. J Neurochem. 2002 Apr;81(1):9-16.
Wang HL, et al. Neuropharmacology. 2013 Jul;70:1-11.
Sheikh IA, et al. J Biol Chem. 2013 Jul 12;288(28):20404-15.

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

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