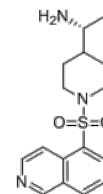


Product Name : NRL-1049
Cat. No. : PC-20084
CAS No. : 1973494-16-4
Molecular Formula : C₁₆H₂₁N₃O₂S
Molecular Weight : 319.42
Target : ROCK
Solubility : 10 mM in DMSO



Biological Activity

NRL-1049 ((R)-BA-1049) is a potent, orally-available **ROCK2**-selective inhibitor with IC₅₀ of 0.24 μM, 16-fold selectivity over ROCK-1.

Neither BA-1049 nor the metabolite inhibits PKA or PKC at physiological ATP concentrations.

BA-1049 is a promising drug candidate to reduce lesion growth and hemorrhage in both CCM1 and CCM3 models of cavernous angioma (CA).

References

Lisa McKerracher, et al. *Transl Stroke Res*. 2020 Jun;11(3):365-376.

Patent US20170313680A1.

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

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