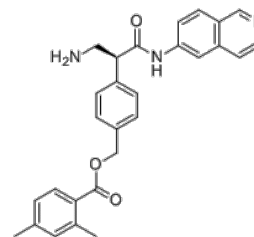


Product Name : Netarsudil
Cat. No. : PC-62714
CAS No. : 1254032-66-0
Molecular Formula : C₂₈H₂₇N₃O₃
Molecular Weight : 453.54
Target : ROCK
Solubility : 10 mM in DMSO



Biological Activity

Netarsudil (AR-13324) is a potent, selective **ROCK** inhibitor with K_i of 4.2 nM for ROCK2.

Netarsudil (AR-13324) is highly selective, 11 kinases are inhibited >90% in a panel of 422 kinases, only ROCK1 and ROCK2 (each 93% inhibition) and PKC (delta, 91%, and eta, 93% inhibition).

Netarsudil (AR-13324) exhibits improved bioavailability, demonstrates an effective and sustained IOP reduction for 24h after dosing.

Netarsudil (AR-13324) a novel ocular hypotensive agent for the treatment of glaucoma.

References

Sturdivant JM, et al. *Bioorg Med Chem Lett*. 2016 May 15;26(10):2475-80.

Li G, et al. *Eur J Pharmacol*. 2016 Sep 15;787:20-31.

Lin CW, et al. *J Ocul Pharmacol Ther*. 2017 Jun 13. doi: 10.1089/jop.2017.0023.

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

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