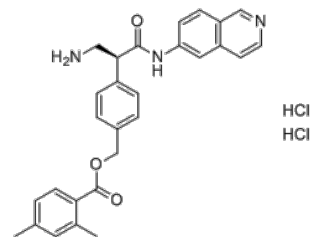


Product Name : Netarsudil dihydrochloride
Cat. No. : PC-62716
CAS No. : 1253952-02-1
Molecular Formula : C₂₈H₂₉Cl₂N₃O₃
Molecular Weight : 526.45
Target : ROCK
Solubility :



Biological Activity

Netarsudil (AR-13324) is a potent, selective ROCK inhibitor with Ki of 4.2 nM for ROCK2; 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); exhibits improved bioavailability, demonstrates an effective and sustained IOP reduction for 24h after dosing; a novel ocular hypotensive agent for the treatment of Gglaucoma.

Other Indication

Approved

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!

E-mail: tech@probechem.com