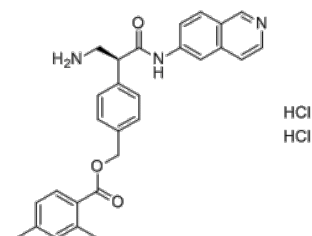


**Product Name** : Netarsudil dihydrochloride  
**Cat. No.** : PC-62716  
**CAS No.** : 1253952-02-1  
**Molecular Formula** : C<sub>28</sub>H<sub>29</sub>Cl<sub>2</sub>N<sub>3</sub>O<sub>3</sub>  
**Molecular Weight** : 526.45  
**Target** : ROCK  
**Solubility** : 10 mM in DMSO



## Biological Activity

Netarsudil (AR-13324) dihydrochloride is a potent, selective **ROCK** inhibitor with K<sub>i</sub> of 4.2 nM for ROCK2.

Netarsudil (AR-13324) displays high selectivity, 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) is a novel ocular hypotensive agent for the treatment of Gglaucoma.

## References

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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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