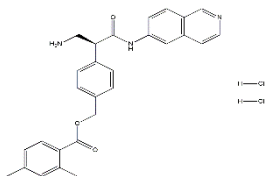


# Netarsudil dihydrochloride

**ALTERNATE NAME:** [4-[(2~{S})-3-amino-1-(isoquinolin-6-ylamino)-1-oxopropan-2-yl]phenyl]methyl 2,4-dimethylbenzoate;dihydrochloride  
AR-13324 hydrochloride

**CATALOG #:** B2387-5 5 mg  
B2387-25 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>28</sub>H<sub>29</sub>Cl<sub>2</sub>N<sub>3</sub>O<sub>3</sub>

**MOLECULAR WEIGHT:** 526.46

**CAS NUMBER:** 1253952-02-1

**APPEARANCE:** Crystalline solid

**PURITY:** ≥98% by HPLC

**SOLUBILITY:** >20 mg/ml Water

**DESCRIPTION:** Netarsudil Hydrochloride (AR-13324) is a Rho kinase (ROCK) inhibitor with norepinephrine transport inhibitory activity that reduces production of aqueous humor. Netarsudil (AR-13324) is a potent, selective ROCK inhibitor with Ki of 4.2 nM for ROCK2; a novel ocular hypotensive agent for the treatment of glaucoma.

**REFERENCES:** Sturdivant, J.M., et al. (2016). Bioorg Med Chem Lett. 26, 2475-80.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

ROCK Inhibitor (Rockout) (2342)  
 EZSolution™ Y-27632, Sterile-Filtered (1994)  
 Thiazovivin (1681)  
 Y-287632 dihydrochloride (1596)  
 Fasudil monohydrochloride (1787)  
 EZSolution™ Y-27632 (1784)  
 (S)-H-1152 dihydrochloride (B1106)

**DISCLAIMER:** *FOR RESEARCH USE ONLY! Not to be used on humans.*