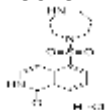


PRODUCT: Hydroxyfasudil Hydrochloride**ALTERNATE NAME:** 5-(1, 4-diazepan-1-ylsulfonyl)-2H-isoquinolin-1-one;hydrochloride; HA-1100 hydrochloride**CATALOG #:** B1559-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₄H₁₈ClN₃O₃S**MOLECULAR WEIGHT:** 343.83**CAS NUMBER:** 155558-32-0**APPEARANCE:** White solid**SOLUBILITY:** H₂O (>5 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and moisture**DESCRIPTION:** Hydroxyfasudil is a metabolite of Fasudil (Cat. No. 1787), that acts as a potent Rho-kinase (ROCK) inhibitor [(IC₅₀ = 12 μM (ROCK1); 0.17 μM (ROCK2)]. Acts as a vasodilator.**REFERENCES:** Nakamura, K., et al. (2001). *Journal of Cerebral Blood Flow and Metabolism* **21**, 876-885.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**(S)-H-1152 diHCl (**Cat. No. B1106-1,5**)

Fasudil Monohydrochloride (Cat. No. 1787-10, 50)

Hydroxyfasudil Hydrochloride (**Cat. No. B1559-5,25**)RKI-1447 (**Cat. No.2472-5, 25**)RKI-1313 (**Cat. No.B1092-5, 25**)ROCK Inhibitor (Rockout) (**Cat. No. 2342-5, 25**)Thiazovivin (**Cat. No. 1681-1, 5**)EZSolution™ Thiazovivin (**Cat. No. 1736-1**)EZSolution™ Thiazovivin, Sterile-Filtered (**Cat. No. 1993-1**)Y-27632 Dihydrochloride (**Cat. No. 1596-1, 5, 50**)EZSolution™ Y-27632 (**Cat. No. 1784-5**)EZSolution™ Y-27632, Sterile-Filtered (**Cat. No. 1994-5**)**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**