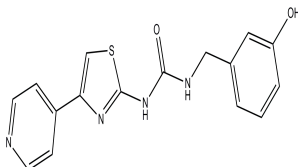


**PRODUCT: RKI-1447****ALTERNATE NAME:** N-[(3-hydroxyphenyl)methyl]-N'-[4-(4-pyridinyl)-2-thiazolyl] urea**CATALOG #:** 2472-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>16</sub>H<sub>14</sub>N<sub>4</sub>O<sub>2</sub>S**MOLECULAR WEIGHT:** 326.37**CAS No.** 1342278-01-6**APPEARANCE:** Yellow solid**SOLUBILITY:** DMSO (>50 mg/ml)**PURITY:** >98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** A highly potent inhibitor of Rho-associated kinases ROCK1 and ROCK2 (IC<sub>50</sub> values: 14.5 nM for ROCK1 and 6.2 nM for ROCK2). RKI-1447 suppresses ROCK-dependent signaling, cell morphology, anchorage-independent cell growth, migration invasion and in vivo growth of mammary tumors.**REFERENCES:** Patel, R.A., *et al.* (2012). *Cancer Res.* **72**, 5025-5034.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**Fasudil Monohydrochloride (**Cat. No. 1787-10, 50**)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**)**FOR RESEARCH USE ONLY! Not to be used in humans.**