



LKT Laboratories, Inc.

RKI-1447

Phone: 888-558-5227

651-644-8424

Fax: 888-558-7329

Email: getinfo@lktlabs.com

Web: lktlabs.com

Product Information

Product ID R4132

CAS No. 1342278-01-6

Chemical Name 1-[(3-hydroxyphenyl)methyl]-3-(4-pyridin-4-yl-1,3-thiazol-2-yl)urea

Synonym RKI1447; 1-(3-hydroxybenzyl)-3-(4-(pyridin-4-yl)thiazol-2-yl)urea; 1-[(3-Hydroxyphenyl)methyl]-3-(4-Pyridin-4-Yl-1,3-Thiazol-2-Yl)urea

Formula C₁₆H₁₄N₄O₂S

Formula Wt. 326.37

Melting Point

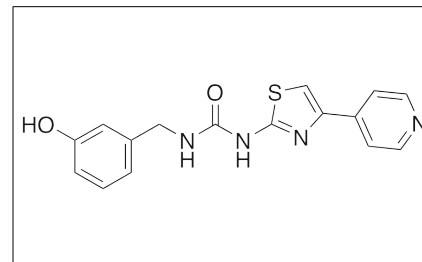
Purity ≥98%

Solubility DMSO 65 mg/mL (199.16 mM)
Water Insoluble
Ethanol Insoluble

Store Temp -20°C

Ship Temp Ambient

Description RKI-1447 is an inhibitor of ROCK1/2 that exhibits anticancer chemotherapeutic activity. RKI-1447 also displays anti-metastatic potential, suppressing phosphorylation of MLC-2, MYPT-1, inhibiting formation of actin stress fibers, and preventing migration, invasion, and growth of breast cancer cells and tumors.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
R4132	1 mg	\$45.00
R4132	5 mg	\$85.00
R4132	25 mg	\$300.00

References Patel RA, Forinash KD, Pireddu R, et al. RKI-1447 is a potent inhibitor of the Rho-associated ROCK kinases with anti-invasive and antitumor activities in breast cancer. Cancer Res. 2012 Oct 1;72(19):5025-34. PMID: 22846914.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.