PRODUCT: SR7826

ALTERNATE NAME: N-(2-Hydroxyethyl)-N’-[4,5-methyl-7H-pyrrolo[2,3-d]pyrimidine-4-yl]phenyl]-N-phenylurea

CATALOG #: B1096-1, 5

AMOUNT: 1 mg, 5 mg

STRUCTURE:

MOLECULAR FORMULA: C_{22}H_{21}N_{5}O_{2}

MOLECULAR WEIGHT: 387.43

CAS NUMBER: 1219728-20-7

APPEARANCE: Pale Yellow Solid

SOLUBILITY: DMSO (>35 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20°C. Protect from air and light.

DESCRIPTION: SR7826 is a potent and selective LIMK inhibitor with IC_{50} values 43, 5536 and 6565 nM for LIMK1, ROCK1 and ROCK2 respectively. It has shown to inhibit cofilin phosphorylation in A7r5 cells. In vitro data shows to suppress the migration and invasion of PC-3 cells.


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

RELATED PRODUCTS:
- LIMK3 (B1095-1, 5)
- LIMK1 Antibody (3433-100)
- LIMK1 Antibody (3584-100)

USAGE: FOR RESEARCH CH USE ONLY! Not to be used in humans