

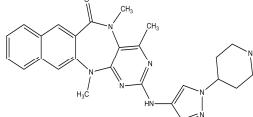
PRODUCT:**ALTERNATE NAME:****HTH-01-015****CATALOG #:**

4,5,13-trimethyl-2-((1-(piperidin-4-yl)-1H-pyrazol-4-yl)amino)-5H-naphtho[2,3-e]pyrimido[5,4-b][1,4]diazepin-6(13H)-one

AMOUNT:

2887-5, 25

5 mg, 25 mg

**STRUCTURE:****MOLECULAR FORMULA:**C₂₆H₂₈N₈O**MOLECULAR WEIGHT:**

468.55

CAS NUMBER:

1613724-42-7

APPEARANCE:

Crystalline solid

SOLUBILITY:

DMSO

PURITY:

≥98% by HPLC

STORAGE:

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

DESCRIPTION:

HTH-01-015 is a potent and selective inhibitor of NUAK1 kinase ($IC_{50} = 100$ nM); only weakly inhibits NUAK2 (IC_{50} of >10 μ M) and does not significantly inhibit the activity of 139 other kinases that were tested including ten AMPK family members.

REFERENCES:Banerjee, S., et al. (2014). *Biochem. J.* **457**, 215-225.**HANDLING:**

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

RELATED PRODUCTS:

AMPK Activator, D942 (Cat. No. 2341-1,5)
A-769662 (Cat. No. 1719-5)
AICAR (Cat. No. 1687-50, 250)
EZSolution™ AICAR (Cat. No. 2344-50)
Codycepin (Cat. No. 2078-10, 50)
Dorsomorphin (Cat. No. 1686-5)
Dorsomorphin hydrochloride (Cat. No. 2835-5, 25)
EZSolution™ Dorsomorphin (Cat. No. 2547-5)
Phenformin hydrochloride (Cat. No. 1889-100, 1000)

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