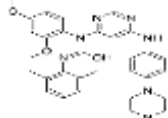


PRODUCT: HG-9-91-01

ALTERNATE NAME: (Z)-N-(2,4-dimethoxyphenyl)-N'-(2,6-dimethylphenyl)-N-(6-((4-(4-methylpiperazin-1-yl)phenyl)amino)pyrimidin-4-yl)carbamimidic acid

CATALOG NUMBER: B1849-1,5

AMOUNT: 1 mg, 5 mg

STRUCTURE:

MOLECULAR FORMULA: C₃₂H₃₇N₇O₃

MOLECULAR WEIGHT: 567.68

CAS NUMBER: 1456858-58-4

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO

PURITY: ≥98% by HPLC

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

DESCRIPTION: HG-9-91-01 is a potent, selective, ATP-competitive, pan-SIK (salt-inducible kinases) inhibitor with IC₅₀ values of 0.92 nM, 6.6n M and 9.6 nM for SIK1, SIK2, SIK3, respectively.

REFERENCES: Clark, K., *et al.* (2012). *Proc. Natl. Acad. Sci. USA* 109, 16986-16991.

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

RELATED PRODUCTS:

Dorsomorphin dihydrochloride (**2835**)

Dorsomorphin (**1686**)

EZSolution™ Dorsomorphin (**2547**)

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