

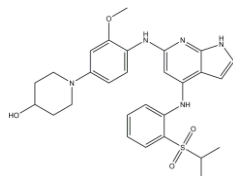
PRODUCT: Mps1-IN-1

ALTERNATE NAMES: 1-[3-methoxy-4-[[4-(2-propan-2-ylsulfonylanilino)-1H-pyrrolo[2,3-b]pyridin-6-yl]amino]phenyl]piperidin-4-ol, Mps 1 Inhibitor, Mps1 IN 1

CATALOG#: B1603-5, -25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₈H₃₃N₅O₄S

MOLECULAR WEIGHT: 535.66

CAS NUMBER: 1125593-20-5

APPEARANCE: White solid powder

SOLUBILITY: DMSO: ≥ 39 mg/ml

PURITY: 97% by HPLC

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

DESCRIPTION: Mps1-IN-1 is a highly potent and selective Mps1 inhibitor with IC₅₀ of 367 nM; >1000-fold selectivity relative to the 352 member kinase panel with the major exceptions of Alk and Ltk.

REFERENCES: 1. Kwiatkowski N, et al. Small-molecule kinase inhibitors provide insight into Mps1 cell cycle function. Nat Chem Biol. 2010 May;6(5):359-68.

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

RELATED PRODUCTS:

- MPI-0479605 (9589)
- AZ-3146 (B1145)

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