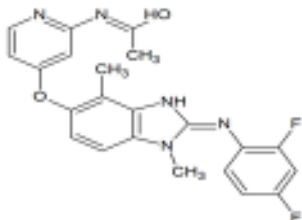


CHZ868

ALTERNATE NAME: CHZ-868
N-(4-((2-((2,4-difluorophenyl)amino)-1,4-dimethyl-1H-benzo[d]imidazol-5-yl)oxy)pyridin-2-yl)acetamide

CATALOG #: B2475-5 5 mg
B2475-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₂H₁₉F₂N₅O₂

MOLECULAR WEIGHT: 423.42

CAS NUMBER: 1895895-38-1

APPEARANCE: Crystalline solid

PURITY: ≥98% by HPLC

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

SOLUBILITY: >100 mg/ml DMSO

DESCRIPTION: CHZ868 is a potent and selective type II JAK2 inhibitor (IC₅₀ = 110 nM). JAK2 and MPL mutant cell lines are sensitive to CHZ868, including type I JAK inhibitor persistent cells. CHZ868 displays significant activity in murine MPN models and induces reductions in mutant allele burden not observed with type I JAK inhibitors.

REFERENCES: Meyer, S.C., et al. (2015). Cancer Cell. 28, 15-28.

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

RELATED PRODUCTS:

AZD1480 (2315)
Cyt387 (2316)
Ruxolitinib, Free base (2139)
SB1518 (Pacritinib) (2450)
CP-690550 (1622)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*