

PZ-2891

ALTERNATE NAME: PZ2891
6-(4-(2-(4-isopropylphenyl)acetyl)piperazin-1-yl)pyridazine-3-carbonitrile

CATALOG #: B2460-5 5 mg
B2460-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₀H₂₃N₅O

MOLECULAR WEIGHT: 349.44

CAS NUMBER: 2170608-82-7

APPEARANCE: Crystalline solid

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C.

SOLUBILITY: DMSO

DESCRIPTION: PZ-2891 (PZ2891) a specific, allosteric, brain-permeable, pantothenate kinase (PANK) modulator. it acts as both an orthosteric inhibitor (IC₅₀ =1.3 nM, hPANK3) and an allosteric activator of PANK3 activity in the presence of acetyl-CoA in biochemical assays.

REFERENCES: Sharma, L.K., et al. (2018). Nat. Commun. 9, 4399.

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

RELATED PRODUCTS:

GW-9662 (1697)
Ciglitazone (1695)
GW-1929 (2057)

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