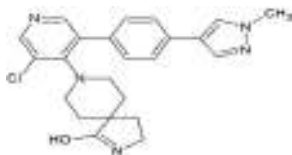


CCT-251545

ALTERNATE NAME: 8-[3-chloro-5-[4-(1-methylpyrazol-4-yl)phenyl]pyridin-4-yl]-2,8-diazaspiro[4.5]decan-1-one
CCT251545

CATALOG #: B2501-1 1 mg
B2501-5 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₃H₂₄ClN₅O

MOLECULAR WEIGHT: 421.93

CAS NUMBER: 1661839-45-7

APPEARANCE: Crystalline solid

PURITY: ≥98% by HPLC

SOLUBILITY: >40 mg/ml DMSO

DESCRIPTION: CCT-251545 is a potent Wnt signaling inhibitor (IC₅₀ = 5 nM). It is a selective inhibitor of the human mediator complex-associated protein kinases Cdk8 and Cdk19. Through its effects on Cdk8 and Cdk19, CCT-251545 alters Wnt pathway-regulated gene expression. CCT-251545 demonstrates weak inhibition of tankyrase enzymes (TNKS1 IC₅₀ > 10 μM, TNKS2 IC₅₀ = 15.0 ± 0 μM).

STORAGE TEMPERATURE: -20°C. Protect from light

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

RELATED PRODUCTS:

PNU-74654 (B1837)
IWP-2 (1962)
IWP-3 (2349)
LGK974 (2645)
Wnt Antagonist, C59 (2063)

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