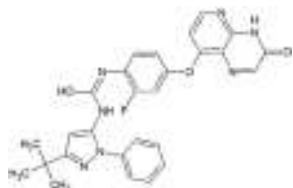


CCT-196969

ALTERNATE NAME: N-[4-[(3,4-dihydro-3-oxopyrido[2,3-b]pyrazin-8-yl)oxy]-2-fluorophenyl]-N'-[3-(1,1-dimethylethyl)-1-phenyl-1H-pyrazol-5-yl]-urea
CCT196969

CATALOG #: B2500-5 5 mg
B2500-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₇H₂₄FN₇O₃

MOLECULAR WEIGHT: 513.5

CAS NUMBER: 1163719-56-9

APPEARANCE: Crystalline solid

PURITY: ≥98%

SOLUBILITY: >25 mg/ml DMSO

DESCRIPTION: CCT-196969 is a pan-Raf inhibitor, which inhibits B-Raf, BRafV600E and CRAF with IC₅₀s of 0.1, 0.04, and 0.01 μM, respectively. It is selective for RAFs, Src, LCK, and MAPKs in a panel of 63 kinases when used at a concentration of 1 μM. CCT-196969 inhibits MEK and ERK signaling in B-RAF mutant WM266.4 cells, but not B-RAF wild-type D35 cells, and inhibits growth of B-RAF mutant melanoma cells in a concentration-dependent manner.

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

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

RELATED PRODUCTS:

ZM 336372 (1789)
PLX-4720 (2813)
GSK-2118436 mesylate (2800)
Encorafenib (B2103)
L-779450 (B1709)

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