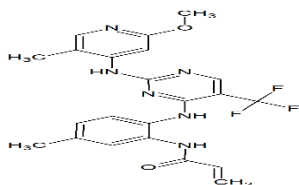


CC-90003

ALTERNATE NAME: CC90003
N-(2-((2-((2-methoxy-5-methylpyridin-4-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)-5-methylphenyl)acrylamide

CATALOG #: B2419-1 1 mg
B2419-5 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₂H₂₁F₃N₆O₂

MOLECULAR WEIGHT: 458.44

CAS NUMBER: 1621999-82-3

APPEARANCE: Crystalline solid

PURITY: ≥98% by HPLC

SOLUBILITY: >50 mg/ml DMSO

STORAGE CONDITIONS: -20°C

DESCRIPTION: CC-90003 is a potent, extracellular signal-regulated kinases (ERK1/2) inhibitor. CC-90003 inhibits ERK activity, and prevents the activation of ERK-mediated signal transduction pathways. This results in the inhibition of ERK-dependent tumor cell proliferation and survival. The mitogen-activated protein kinase (MAPK)/ERK pathway is often upregulated in a variety of tumor cell types and plays a key role in tumor cell proliferation, differentiation and survival.

REFERENCES: Mita, M/M., et al. (2017). Journal of Clinical Oncology 35, no. 15_suppl, 2577-2577.

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

RELATED PRODUCTS:

CEP-32496 (9615)
DEL-22379 (B1680)
GSK-2118436 mesylate (2800)
MEK-162 (2254)

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