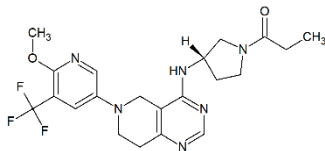


Leniolisib

ALTERNATE NAME: 1-Propanone, 1-[(3S)-3-[[5,6,7,8-tetrahydro-6-[6-methoxy-5-(trifluoromethyl)-3-pyridinyl]pyrido[4,3-d]pyrimidin-4-yl]amino]-1-pyrrolidinyl]-

CATALOG #: B2435-1 1 mg
B2435-5 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₁H₂₅F₃N₆O₂S

MOLECULAR WEIGHT: 450.46

CAS NUMBER: 1354690-24-6

APPEARANCE: Crystalline solid

PURITY: ≥98% by HPLC

SOLUBILITY: >50 mg/ml DMSO

STORAGE CONDITIONS: -20°C

DESCRIPTION: Leniolisib is a potent and selective PI3Kδ inhibitor with an IC₅₀ of 11 nM; displays >20-fold, 40-fold, and 200-fold selectivity over PI3Kα, PI3Kβ, and PI3Kγ, respectively; shows 30-fold cellular selectivity over PI3Kα. Inhibits a large spectrum of immune cell functions, as demonstrated in B and T cells, neutrophils, monocytes, basophils, plasmacytoid dendritic cells, and mast cells in vitro.

REFERENCES: Rao, V.K., et al. (2017). Blood 130, 2307-2316.

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

RELATED PRODUCTS:

GSK-2126458 (1961)
BAY 80-6946 (B1267)
AZD-6482 (B1143)
BAG956 (2456)

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