

Catalog Number: CM05964

产品信息

Catalog Number:
CM05964

CAS号:
1225037-39-7

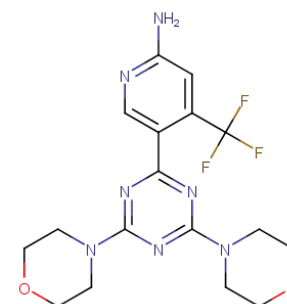
分子式:
C₁₇H₂₀F₃N₇O₂

主要靶点:
mTOR|PI3K|S6 Kinase|Others

主要通路:
PI3K/Akt/mTOR信号通路|MAPK信号通路|其他

分子量:
411.38

溶解度:
DMSO:5 mg/mL (12.15 mM)



靶点活性

PI3K β :11 nM(Kd)|PI3K α :1.5 nM(Kd)|PI3K γ :25 nM(Kd)|mTOR:12 nM(Kd)|PI3K δ :25 nM(Kd)

描述

Bimiralisib (PI3K-IN-2) is an orally bioavailable pan inhibitor of PI3K and inhibitor of the mTOR, with potential antineoplastic activity. PI3K-IN-2 inhibits the PI3K kinase isoforms alpha, beta, gamma and delta and, to a lesser extent, mTOR kinase, which may result in tumor cell apoptosis and growth inhibition in cells overexpressing PI3K/mTOR. Activation of the PI3K/mTOR pathway promotes cell growth, survival, and resistance to both chemotherapy and radiotherapy.

储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years