

Product Name : KO-947

Synonyms : KO 947;KO947

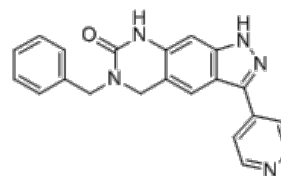
Cat No. : M12583

CAS Number : 1695533-89-1

Molecular Formula : C₂₁H₁₇N₅O

Formula Weight : 355.40

Chemical Name : 6-benzyl-3-(pyridin-4-yl)-1,5,6,8-tetrahydro-7H-pyrazolo[4,3-g]quinazolin-7-one



Description : KO-947 is a potent and selective inhibitor of ERK1/2 kinase in biochemical, cellular and in vivo antitumor activity assays; blocks ERK signaling and proliferation of tumor cells exhibiting dysregulation of MAPK pathway signaling, including mutations in BRAF, NRAS or KRAS, at low nanomolar concentrations. Solid Tumors Phase 1 Clinical

Pathway : MAPK/ERK Signaling

Target : ERK

Receptor : ERK

Solubility : DMSO : 62.5 mg/mL 175.86 mM

SMILES : O=C1NC2=CC(NN=C3C4=CC=NC=C4)=C3C=C2CN1CC5=CC=CC=C5

Storage : (-20°C)

Stability : ≥ 2 years

Reference :