

Product Name : K-Ras G12C-IN-12

Synonyms : MDK-7958; MDK7958; MDK 7958; K-Ras(G12C) inhibitor 12

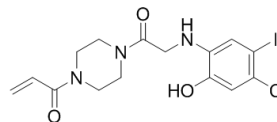
Cat No. : M12005

CAS Number : 1469337-95-8

Molecular Formula : C₁₅H₁₇ClIN₃O₃

Formula Weight : 449.67

Chemical Name : 2-Propen-1-one, 1-[4-[2-[(4-chloro-2-hydroxy-5-iodophenyl)amino]acetyl]-1-piperazinyl]-



Description : An allosteric inhibitor of oncogenic K-Ras(G12C) with EC₅₀ of 0.32 uM in H1792 cells; relies on the mutant cysteine for binding and therefore do not affect the wild-type K-Ras.

Pathway : MAPK/ERK Signaling

Target : Ras

Receptor : K-Ras(G12C)

Solubility : DMSO: ≥ 48 mg/mL

SMILES : C=CC(N1CCN(C(CNC2=CC(I)=C(Cl)C=C2O)=O)CC1)=O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Ostrem JM, et al. Nature. 2013 Nov 28;503(7477):548-51.