

Product Name : KRAS G12C inhibitor 11

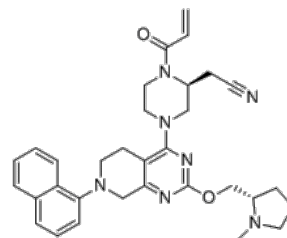
Synonyms : —

Cat No. : M13445

CAS Number : 2158297-63-1

Molecular Formula : C32H37N7O2

Formula Weight : 551.70



Chemical Name : 2-((S)-1-acryloyl-4-(2-(((S)-1-methylpyrrolidin-2-yl)methoxy)-7-(naphthalen-1-yl)-5,6,7,8-tetrahydropyrido[3,4-d]pyrimidin-4-yl)piperazin-2-yl)acetonitrile

Description : KRAS G12C inhibitor 11 is a potent, selective, covalent and irreversible inhibitor of KRAS G12C, inhibits KRAS dependent ERK-phosphorylation in the H358 cell with IC50 of 5 nM; demonstrates super proportional dose ascending oral exposure in mice with 3h target coverage at the 30 mg/kg dose; shows rapid growth inhibition and durable efficacy even after dosing was stopped, orally active.

Pathway : MAPK/ERK Signaling

Target : Ras

Receptor : Ras

Solubility : —

SMILES : CN1CCCC1COC2=NC3=C(CCN(C3)C4=CC=CC5=CC=CC=C54)C(=N2)N6CCN(C(C6)CC#N)C(=O)C=C

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. U.S. Pat. Appl. Publ. (2018), US 20180072723 A1 20180315.