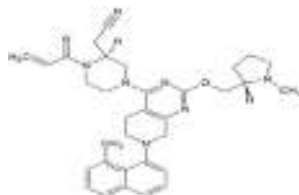


MRTX-1257

ALTERNATE NAME: MRTZ1257
2-((S)-1-acryloyl-4-(7-(8-methylnaphthalen-1-yl)-2-(((S)-1-methylpyrrolidin-2-yl)methoxy)-5,6,7,8-tetrahydropyrido[3,4-d]pyrimidin-4-yl)piperazin-2-yl)acetonitrile
MRTX1257

CATALOG #: B2614-1 1 mg
B2614-5 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₃₃H₃₉N₇O₂

MOLECULAR WEIGHT: 565.72

CAS NUMBER: 2206736-04-9

APPEARANCE: White to off-white solid

PURITY: ≥98% by HPLC

SOLUBILITY: >40 mg/ml DMSO

DESCRIPTION: MRTX-1257 is a potent, selective, and irreversible covalent inhibitor of KRAS G12C. MRTX-1257 inhibits KRAS dependent ERK-phosphorylation in the H358 cell with IC₅₀ of 0.9 nM. Displays high selectivity for the Cys12 of KRAS G12C in NCI-H358 cells over other cysteines. Exhibits robust target engagement in vivo.

STORAGE TEMPERATURE: -20°C. Protect from light

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

RELATED PRODUCTS:

GTPase KRas (KRAS)(Human) ELISA Kit (E4546)
AMG-510 (B2558)

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