AMG-510

ALTERNATE NAME:
AMG510
AMG 510
4-((S)-4-acryloyl-2-methylpiperazin-1-yl)-6-fluoro-7-(2-fluoro-6-hydroxyphenyl)-1-(2-isopropyl-4-methyl/pyridin-3-yl)pyrido[2,3-d]pyrimidin-2(1H)-one

CATALOG #:
B2558-1  1 mg
B2558-5  5 mg

STRUCTURE:

MOLECULAR FORMULA:  C_{30}H_{30}F_{2}N_{6}O_{3}

MOLECULAR WEIGHT:  560.61

CAS NUMBER:  2252403-56-6

APPEARANCE:  White to off-white solid

PURITY:  ≥98% by HPLC

SOLUBILITY:  DMSO

DESCRIPTION:
AMG-510 is an orally available agent that targets the specific KRAS mutation, p.G12C, with potential antineoplastic activity. Upon oral administration, KRAS mutant-targeting AMG-510 selectively targets the KRAS p.G12C mutant, at either the DNA, RNA or protein level, and prevents the expression of and/or tumor cell signaling through the KRAS p.G12C mutant. This may inhibit growth in KRAS p.G12C-expressing tumor cells.

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:
ML141 (2267)
MTX-211 (B1968)
DP-4978 (B1288)
Salirasib (B2097)

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