

# 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-methylpyridin-3-yl)pyrido[2,3-d]pyrimidin-2(1H)-one

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

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>30</sub>H<sub>30</sub>F<sub>2</sub>N<sub>6</sub>O<sub>3</sub>

**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.*