

Product Data Sheet

Product Name: PF-06459988

Cat. No.: GC32927

Chemical Properties

Cas. No. 1428774-45-1

SMILES C=CC(N1C[C@H](COC2=C3C(NC=C3Cl)=NC(NC4=CN(C)N=C4)=N2)[C@@H](OC)C1)=O

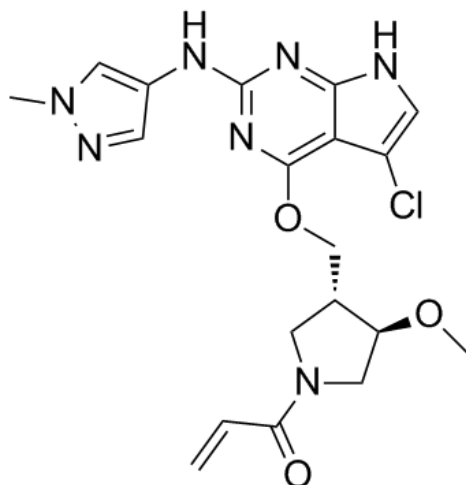
Formula $C_{19}H_{22}ClN_7O_3$ M.Wt 431.88

Solubility DMSO : 50 mg/mL (115.77 mM) Storage Store at -20°C

General For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the tips ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with RT , or Condition blue ice upon request.

Structure



Background

PF-06459988 is an irreversible inhibitor of T790M-Containing EGFR Mutants.

[1]. Cheng H, et al. Discovery of 1-((3R,4R)-3-((5-chloro-2-((1-methyl-1H-pyrazol-4-yl)amino)-7H-pyrrolo[2,3-d]pyrimidin-4-yl)oxy)methyl)-4-methoxypyrrolidin-1-yl)prop-2-en-1-one (PF-06459988), a Potent, WT Sparing, Irreversible Inhibitor of T790M-Containing EGFR Mutants. J Med Chem. 2016 Mar 10;59(5):2005-24. doi: 10.1021/acs.jmedchem.5b01633. Epub 2016 Jan 28.

Caution: Product has not been fully validated for medical applications. For research use only.

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