

Product Name	: Pemigatinib (INCB054828)
Synonyms	: INCB054828
Cat No.	: M21751
CAS Number	: 1513857-77-6
Molecular Formula	: C ₂₄ H ₂₇ F ₂ N ₅ O ₄
Formula Weight	: 487.5
Chemical Name	: —
Description	: Pemigatinib (INCB054828) is an orally active, selective FGFR inhibitor with IC ₅₀ s of 0.4 nM, 0.5 nM, 1.2 nM, 30 nM for FGFR1, FGFR2, FGFR3, FGFR4, respectively. Pemigatinib has the potential for cholangiocarcinoma.
Pathway	: Angiogenesis
Target	: FGFR
Receptor	: —
Solubility	: DMSO : 25 mg/mL (51.28 mM); ultrasonic and warming and heat to 60°C)
SMILES	: <chem>CCN(C(N(C(F)=C(OC)C=C1OC)=C1F)C2=O)C(C2=CN3)=C4C3=NC(CN5CCOCC5)=C4</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Arudra K, et al. Calcinosi cutis dermatologic toxicity associated with fibroblast growth factor receptor inhibitor for the treatment of Wilms tumor. J Cutan Pathol. 2018 Oct;45(10):786-790. 2. Roskoski R Jr, et al. The role of fibroblast growth factor receptor (FGFR) protein-tyrosine kinase inhibitors in the treatment of cancers including those of the urinary bladder. Pharmacol Res. 2020 Jan;151:104567. 3. Krook MA, et al. Tumor heterogeneity and acquired drug resistance in FGFR2-fusion-positive cholangiocarcinoma through rapid research autopsy. Cold Spring Harb Mol Case Stud. 2019 Aug 1;5(4).