

Product Name : MTX-211

Synonyms : MTX211

Cat No. : M13055

CAS Number : 1952236-05-3

Molecular Formula : C₂₀H₁₄Cl₂FN₅O₂S

Formula Weight : 478.32

Chemical Name : Methanesulfonamide, N-[2-chloro-5-[4-[(3-chloro-4-fluorophenyl)amino]-6-quinazolinyl]-3-pyridinyl]-

Description : A first-in-class, highly selective, dual inhibitor of PI3K and EGFR kinases with demonstrated in vivo anticancer activity against multiple KRAS mutant colorectal tumors; shows limited off-target toxicity and a broad therapeutic window.

Pathway : PI3K/Akt/mTOR signaling

Target : PI3K

Receptor : EGFR;PI3K

Solubility : DMSO: ≥100 mg/mL (< 1 mg/ml refers to the product slightly soluble or insoluble)

SMILES : CS(=O)(NC1=CC(C2=CC3=C(NC4=CC=C(F)C(Cl)=C4)N=CN=C3C=C2)=CN=C1Cl)=O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

