

Product Name	: EGFR Inhibitor
Synonyms	: —
Cat No.	: M19965
CAS Number	: 879127-07-8
Molecular Formula	: C ₂₁ H ₁₈ F ₃ N ₅ O
Formula Weight	: 413.4
Chemical Name	: N-[3-[[6-[3-(trifluoromethyl)anilino]pyrimidin-4-yl]amino]phenyl]cyclopropanecarboxamide
Description	: EGFR inhibitor is a cell permeable and selective inhibitor of EGFR kinase (IC ₅₀ : 21 nM) and blocks receptor autophosphorylation in cells.
Pathway	: Angiogenesis
Target	: EGFR
Receptor	: EGFR; EGFR (L858R); EGFR (L861Q)
Solubility	: DMSO: 25 mg/mL; Ethanol: 10 mg/mL
SMILES	: <chem>FC(F)(F)c1cccc(Nc2cc(Nc3cccc(NC(=O)C4CC4)c3)ncn2)c1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Zhang Q et al. Discovery of EGFR selective 46-disubstituted pyrimidines from a combinatorial kinase-directed heterocycle library. J Am Chem Soc. 2006 Feb 22;128(7):2182-3.