

Product Name	: Theliatinib
Synonyms	: —
Cat No.	: M20712
CAS Number	: 1353644-70-8
Molecular Formula	: C ₂₅ H ₂₆ N ₆ O ₂
Formula Weight	: 442.5
Chemical Name	: (3aR6aR)-N-(4-((3-ethynylphenyl)amino)-7-methoxyquinazolin-6-yl)-1-methylhexahydropyrrolo[3,4-b]pyrrole-5(1H)-carboxamide
Description	: Theliatinib a potent and highly selective EGFR inhibitor with anti-tumor activity. Ki of 0.05 nM for wild type EGFR and IC50s of 3 and 22 nM for EGFR and EGFR T790M/L858R mutant respectively.
Pathway	: Angiogenesis
Target	: EGFR
Receptor	: EGFR
Solubility	: DMSO:47 mg/mL (106.21 mM)
SMILES	: <chem>[H][C@]12CCN(C)[C@@]1([H])CN(C2)C(=O)Nc1cc2c(Nc3cccc(c3)C#C)ncnc2cc1OC</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Ren Y, Zheng J, Fan S et al. Anti-tumor efficacy of theliatinib in esophageal cancer patient-derived xenografts models with epidermal growth factor receptor (EGFR) overexpression and gene amplification. [J]. Oncotarget 2017 8(31):50832-50844.