

Product Name	: Epertinib hydrochloride
Synonyms	: S-22611 hydrochloride
Cat No.	: M23929
CAS Number	: 2071195-74-7
Molecular Formula	: C ₃₀ H ₂₈ Cl ₂ FN ₅ O ₃
Formula Weight	: 596.5
Chemical Name	: —
Description	: Epertinib hydrochloride shows potent antitumor activity. Epertinib hydrochloride is a potent, orally active, reversible, and selective tyrosine kinase inhibitor of EGFR, HER2 and HER4, with IC ₅₀ s of 1.48 nM, 7.15 nM and 2.49 nM, respectively.
Pathway	: Angiogenesis
Target	: EGFR
Receptor	: EGFR;HER4;HER2
Solubility	: DMSO:125 mg/mL (209.56 mM; Need ultrasonic)
SMILES	: <chem>CC#C/C(=NOC[C@H]1COCCN1)/C2=CC3=C(C=C2)N=CN=C3NC4=CC(=C(C=C4)OCC5=CC(=CC=C5)F)Cl.Cl</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Tanaka H, et al. Preclinical antitumor activity of S-22611, an oral reversible tyrosine kinase inhibitor of epidermal growth factor receptor and human epidermal growth factor receptor 2. Cancer Sci. 2014 Aug;105(8):1040-8.