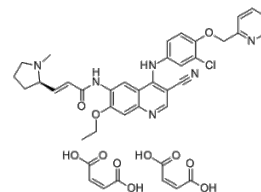


Product Name : Pyrotinib maleate
Synonyms : SHR-1258 maleate; SHR1258 maleate
Cat No. : M11662
CAS Number : 1397922-61-0
Molecular Formula : C₃₆H₃₅ClN₆O₇
Formula Weight : 699.16



Chemical Name : (R,E)-N-(4-((3-chloro-4-(pyridin-2-ylmethoxy)phenyl)amino)-3-cyano-7-ethoxyquinolin-6-yl)-3-(1-methylpyrrolidin-2-yl)acrylamide dimaleate

Description : Pyrotinib maleate (SHR-1258 maleate) is a potent and selective EGFR/HER2 dual inhibitor with IC₅₀ of 13/38 nM, respectively; displays high selectivity in a panel of different kinases such as KDR, c-Kit, PDGFRβ, c-Src and c-Met (c-Src with an IC₅₀ of 790 nM, and others >3,000 nM); exhibits robust anti-tumor effects on HER2-overexpressing xenograft models and sufficiently safety windows in animals as well as favorable pharmacokinetic properties in human. Breast Cancer Phase 3 Clinical

Pathway : Angiogenesis

Target : EGFR

Receptor : EGFR

Solubility : H₂O : ≥ 106 mg/mL 130.03 mM

SMILES : CCOC1=C(C(=C2C(=C1)N=CC(=C2NC3=CC(=C(C=C3)OCC4=CC=CC=N4)Cl)C#N)NC(=O)C=CC5CCCN5C.C(=CC(=O)O)C(=O)O.C(=CC(=O)O)C(=O)O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Li X, et al. Eur J Pharm Sci. 2017 Jan 21. pii: S0928-0987(17)30043-X.