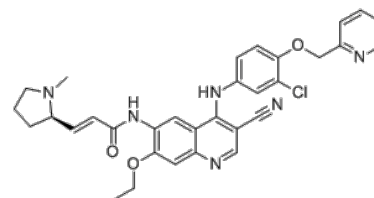


Product Name : Pyrotinib
Cat. No. : PC-70084
CAS No. : 1269662-73-8
Molecular Formula : C₃₂H₃₁ClN₆O₃
Molecular Weight : 583.089
Target : EGFR
Solubility : 10 mM in DMSO



Biological Activity

Pyrotinib (SHR-1258) is a potent and selective **EGFR/HER2** dual inhibitor with IC₅₀ of 13/38 nM, respectively. Pyrotinib (SHR-1258) 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). Pyrotinib (SHR-1258) exhibits robust anti-tumor effects on HER2-overexpressing xenograft models and sufficiently safety windows in animals as well as favorable pharmacokinetic properties in human.

References

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

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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