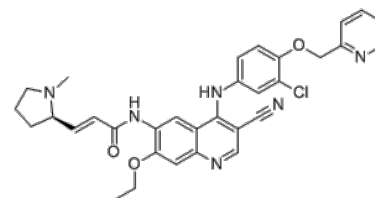


**Product Name** : Pyrotinib  
**Cat. No.** : PC-70084  
**CAS No.** : 1269662-73-8  
**Molecular Formula** : C<sub>32</sub>H<sub>31</sub>ClN<sub>6</sub>O<sub>3</sub>  
**Molecular Weight** : 583.089  
**Target** : EGFR  
**Solubility** : 10 mM in DMSO



## Biological Activity

Pyrotinib (SHR-1258) is a potent and selective **EGFR/HER2** dual inhibitor with IC<sub>50</sub> of 13/38 nM, respectively. Pyrotinib (SHR-1258) displays high selectivity in a panel of different kinases such as KDR, c-Kit, PDGFR $\beta$ , c-Src and c-Met (c-Src with an IC<sub>50</sub> 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!**

E-mail: tech@probechem.com