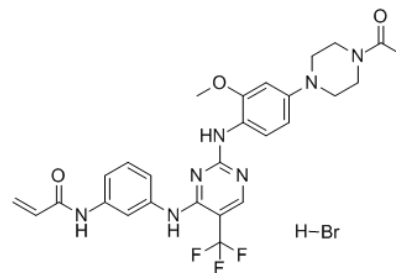


**Product Name** : CO-1686 hydrobromide  
**Cat. No.** : PC-44667  
**CAS No.** : 1446700-26-0  
**Molecular Formula** : C<sub>27</sub>H<sub>29</sub>BrF<sub>3</sub>N<sub>7</sub>O<sub>3</sub>  
**Molecular Weight** : 636.4634  
**Target** : EGFR  
**Solubility** : DMSO: ≥ 59 mg/mL



## Biological Activity

A potent, highly selective, irreversible inhibitor of mutant EGFR with  $K_i$  of 21.5 nM for EGFR L858R/T790M; shows 22-fold selective over WT EGFR; EGFR del19, T790M, L858R/T790M and L858R mutant kinases demonstrates the highest degree of inhibition at 0.1  $\mu$ M; orally bioavailable.

Breast Cancer  
Phase 2 Clinical

## References

- Walter AO, et al. *Cancer Discov.* 2013 Dec;3(12):1404-15.  
Tjin Tham Sjin R, et al. *Mol Cancer Ther.* 2014 Jun;13(6):1468-79.  
Sequist LV, et al. *N Engl J Med.* 2015 Apr 30;372(18):1700-9.

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

E-mail: tech@probechem.com