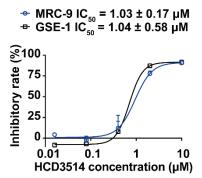
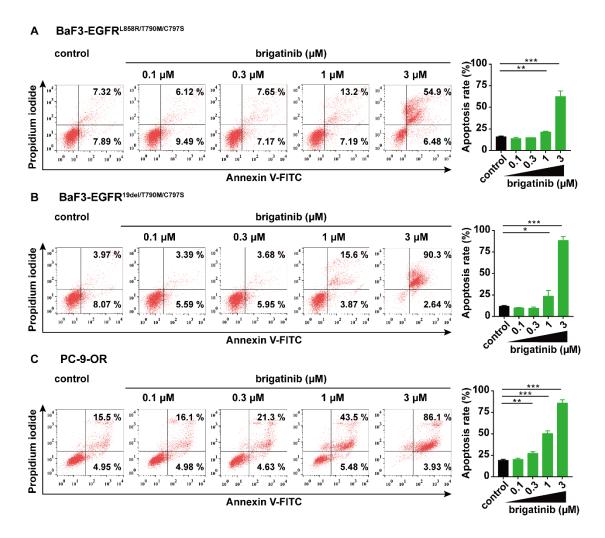
Supplementary material

Discovery of HCD3514 as a potent EGFR inhibitor against C797S mutation in vitro and in vivo



Supplementary Figure S1. Antiproliferative activities of HCD3514 in two human normal cell lines (MRC-9 cells and GSE-1 cells). The IC₅₀ values were shown as mean \pm SD of three independent experiments.



Supplementary Figure S2. The apoptosis-inducing effect of brigatinib in EGFR^{C797S} triple mutant cells. HCD3514 induced apoptosis in BaF3-EGFR^{L858R/T790M/C797S} cells (A), BaF3-EGFR^{19del/T790M/C797S} cells (B) and PC-9-OR cells (C), and representative experiments were shown. Quantitative analyses of apoptosis rates were depicted and experiments were caried out for three times.