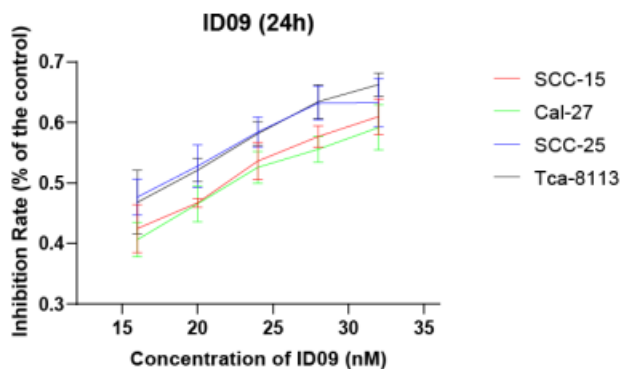


(B)

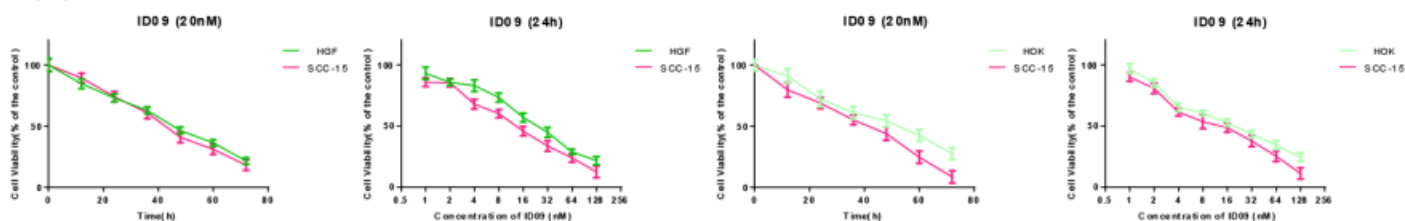


(C)

Table 1. Linear regression analysis of IC₅₀

Cell Line	Regression Equation	R Value	IC ₅₀
SCC-15	$Y = 0.01202 * X + 0.2345$	0.9848	22.09 nM
Cal-27	$Y = 0.01154 * X + 0.2322$	0.9776	23.21 nM
Tca8113	$Y = 0.01257 * X + 0.2719$	0.9869	18.15 nM
SCC-25	$Y = 0.01042 * X + 0.3207$	0.9736	17.21 nM

(D)



1

2

3 **Supplementary data 1.** (A) Cell viabilities of two other OSCC cell lines Tca8113 and SCC-25 influenced by ID09 in dose and time

4 dependent manner were detected by CCK8 assay. (B and C) IC₅₀ of ID09 in four kinds of OSCC cell lines including SCC-15, Cal-27,

5 Tca8113 and SCC-25 were measured by CCK8 and calculated via linear-regression analysis. (D) CCK8 was selected to compare cell

6 viability between normal non-cancerous oral cells (HOK and HGF) and SCC-15 cell line incubated with ID09 in dose and time

7 dependent manner. The columns represent the means and error bars represent standard deviations. (NS, non-significant difference;

8 */#P < 0.05; **/#P < 0.01; ***/### P < 0.001 versus the indicated group).

8