Supporting Information

Higenamine, a Dual Agonist for $\beta_1$- and $\beta_2$-Adrenergic Receptors Identified by Screening a Traditional Chinese Medicine Library

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Fig. 1S Establishment and verification of the screening assays by evaluating the response to isoproterenol by β-gal reporter gene assays. A Both SK and SK-β2 cells responded to the treatment, with a lower EC_{50} in the SK-β2 cells. B-D Cell responses to CGP 20712A (0.1 μM), a β1-AR antagonist (B, C), and ICI 118,551 (1e-7 M), a β2-AR antagonist (D, E). A right-shift of the curve occurred in all experiments except for SK cells treated with ICI (D). Values are presented as the mean ± SEM: n = 4 per data point. *P < 0.05, **p < 0.01 compared to control.