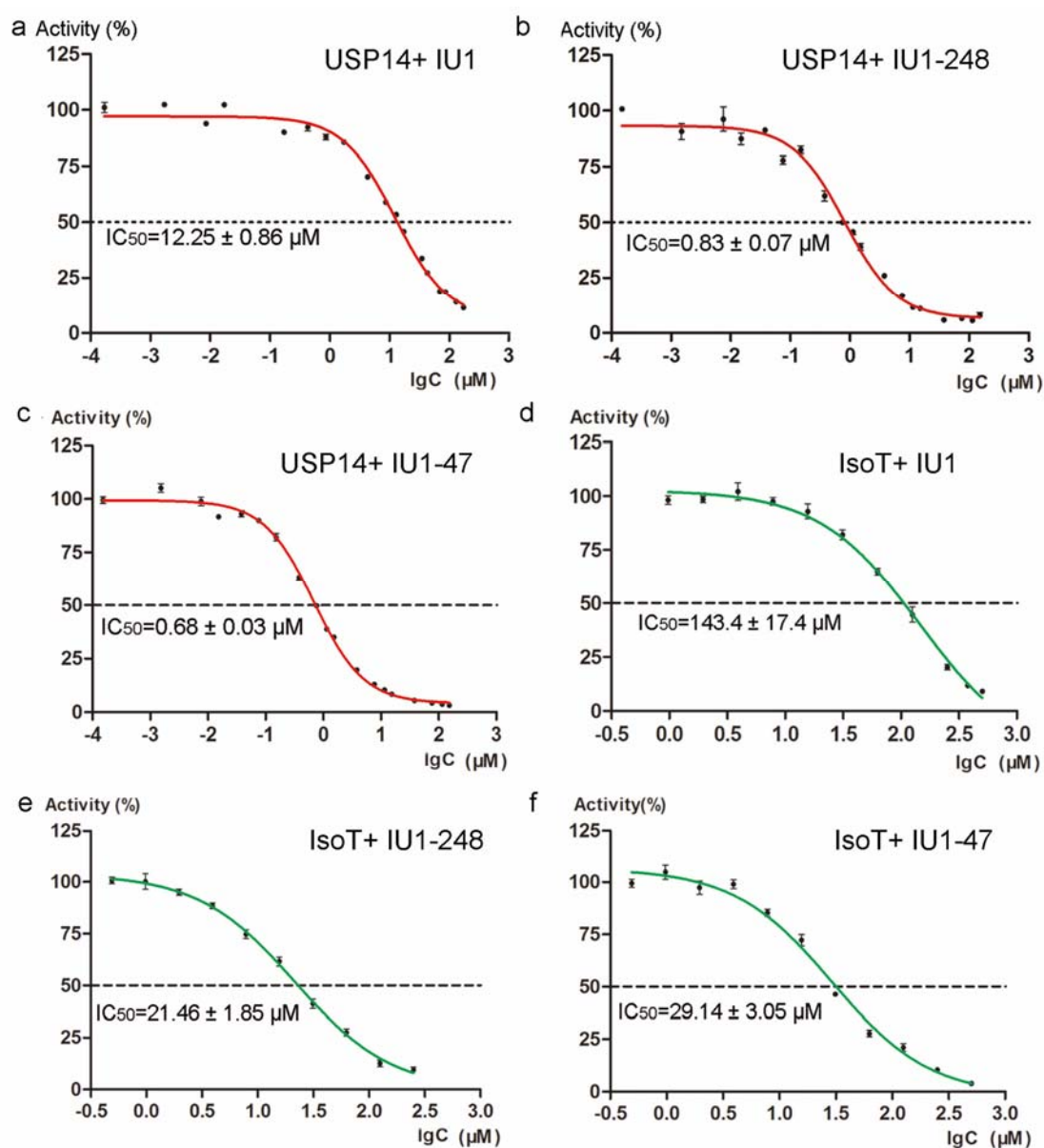




Supplementary information, Fig. S6 Measurement of the IC_{50} of IU1 and its derivatives IU1-248 and IU1-47 towards proteasome-activated USP14 and IsoT. (a-c) Dose-response curves for small-molecule-mediated inhibition of the Ub-AMC hydrolysis activity of proteasome-bound USP14. The reaction system contained 1 μM Ub-AMC, 15 nM USP14 and 1 nM proteasome. (d-f) Dose-response curves for small-molecule-mediated inhibition of the Ub-AMC hydrolysis activity of IsoT. The reaction system contained 1 μM Ub-AMC and 10 nM IsoT. All the values correspond to the averages of triplicate experiments. Error bars represent SDs.