Table 2. Trastuzumab-induced blockade of *HER-2/neu* signaling enhances cerulenin-induced cytotoxicity in *HER-2/neu*-overexpressing breast cancer cells

SK-Br3

Trastuzumab, μg/ml	Cerulenin IC_{30}, μg/ml *	Sensitization factor†
0	1.6 ± 0.5	-
2.5	0.65 ± 0.1	3
5	0.46 ± 0.1	4
10	0.30 ± 0.1	5
20	0.21 ± 0.05	8

BT-474

Trastuzumab, μg/ml	Cerulenin IC_{30}, μg/ml*	Sensitization factor†
0	2.3 ± 2.0	-
2.5	0.40 ± 0.1	6
5	0.21 ± 0.1	11
10	0.12 ± 0.1	19
20	0.06 ± 0.01	38

SK-Br3 and BT-474 cells were incubated with serial dilutions of cerulenin in the absence or presence of a given concentration of trastuzumab for 72 h.

*IC_{30} is the concentration of cerulenin which decreased cell viability by 30%, measured as described in *Materials and Methods*. Values are mean ± SD of five independent experiments made in triplicate.

†Sensitization factors were obtained by dividing IC_{30} values of cerulenin alone by those when trastuzumab was supplemented.