

Erratum to: Synthesis and characterization of new *s*-triazine bearing benzimidazole and benzothiazole derivatives as anticancer agents

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The correct IC₅₀ are shown below in the Table 1 and correct dose response curves are displayed in Fig. 1.

The authors regret that the IC₅₀ values of compounds **15f**, **15g** and their respective dose response curves in Fig. 1 are incorrect and apologize for any inconvenience caused.

The online version of the original article can be found at doi:[10.1007/s00044-015-1430-9](https://doi.org/10.1007/s00044-015-1430-9).

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Fig. 1 Dose response curve of *s*-Triazine derivatives on human cancer cell lines determined by MTT assay after 48 h treatment

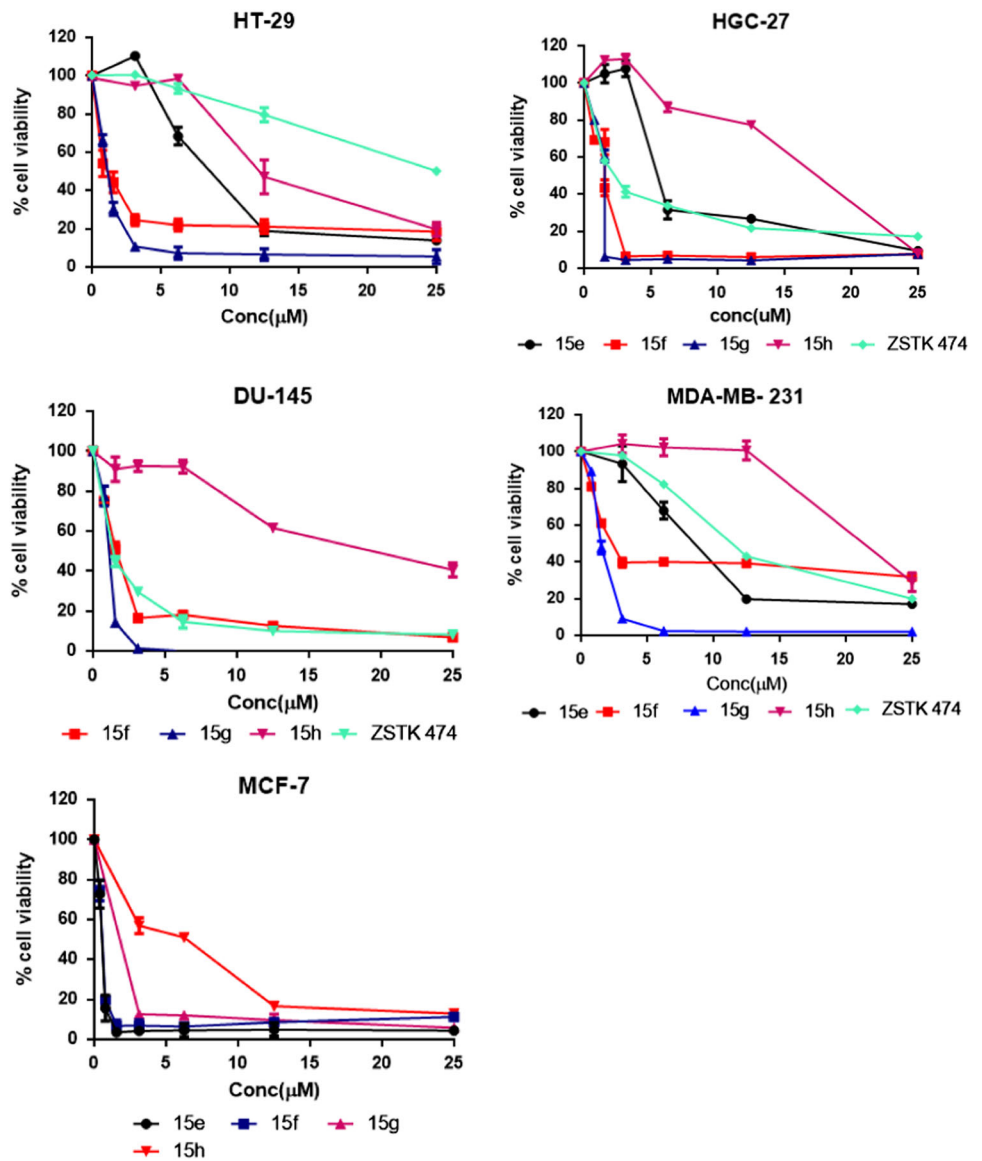
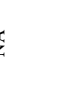





Table 1 Chemical structures of compounds **13a–h** and their inhibitory effects on the growth of human cancer cell lines

Compound											IC ₅₀ (μM)	MCF-7 ^a	MDAMB-231 ^b	PC-3 ^c	DU-145 ^d	HT-29 ^e	HGC-27 ^f
	X	Y	Z	R ₁													
15a	NH	H	-NH-	Cl	12.1 ± 2.6	19.9 ± 0.66	NA	NA	22.2 ± 2.9	11.1 ± 3.8							
15b	NH	OCH ₃	-NH-	Cl	NA	NA	NA	NA	NA	NA							
15c	NH	F	-NH-	Cl	15.1 ± 1.3	17.4 ± 0.2	NA	NA	16.0 ± 1.15	NA							
15d	NH	H	-NH-CH ₂ -	Cl	NA	NA	NA	NA	NA	NA							
16a	S	H	-NH-	Cl	NA	NA	NA	NA	NA	NA							
16b	S	OCH ₃	-NH-	Cl	NA	NA	NA	NA	NA	NA							
16c	S	F	-NH-	Cl	NA	NA	NA	NA	NA	NA							
16d	S	H	-NH-CH ₂ -	Cl	14.7 ± 0.98	NA	NA	NA	NA	NA							
15e	NH	H	-NH-		4.8 ± 0.5	8.3 ± 1.1	NA	NA	9.8 ± 0.4	15.1 ± 0.2							
15f	NH	OCH ₃	-NH-		1.02 ± 0.01	3.12 ± 0.17	1.12 ± 0.05	1.44 ± 0.05	1.35 ± 0.06	1.12 ± 0.11							
15g	NH	F	-NH-		1.04 ± 0.04	1.52 ± 0.02	0.8 ± 0.02	0.95 ± 0.03	1.1 ± 0.06	0.76 ± 0.01							
15h	NH	H	-NH-CH ₂ -		7.02 ± 3.9	18.6 ± 3.1	NA	20.3 ± 1.6	15.6 ± 2.2	16.7 ± 0.01							

Table 1 continued

Compound	X	Y	Z	R ₁	IC ₅₀ (μM)					
					MCF-7 ^a	MDAMB-231 ^b	PC-3 ^c	DU-145 ^d	HT-29 ^e	HGC-27 ^f
16e	S	H	-NH-		NA	NA	NA	NA	NA	NA
16f	S	OCH ₃	-NH-		NA	NA	NA	NA	NA	NA
16g	S	F	-NH-		NA	NA	NA	NA	NA	NA
16h	S	H	-NH-CH ₂ -		NA	NA	NA	NA	NA	NA
ZSTK474 (Yamaguchi S et al., 2006)					ND	10.8 ± 0.2	11.7 ± 1.2	0.25 ± 0.06	25.1 ± 1.1	1.11 ± 0.05

NA not active (Compounds are showing less than 50% cytotoxicity up to 100 μM concentration), ND not determined

^a MCF-7 (Breast cancer ER + ve)

^b MDA-MB 231 (TNBC)

^c PC3 (Prostate)

^d DU145 (prostate)

^e HT 29 (Colon cancer)

^f HGC-27 (Gastric cancer)