

Supporting Information

Preparation of leukotriene B₄ inhibitory active 2- and 3-(2-aminothiazol-4-yl)benzo[*b*]furan derivatives and their growth inhibitory activity on human pancreatic cancer cells

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Growth inhibitory activity of 5b, 5c, 5f, 7b, 10a, 12b, 13 and 16 against cancer cells.

Table In vitro cell growth inhibitory activities of **5b, 5c, 5f, 7b, 10a, 12b, 13, 16** and 5-FU^{a)}

Compd.	MIA PaCa-2		MCF-7		MDA-MB-231		NHDF	
	Cell viability	% growth	Cell viability	% growth	Cell viability	% growth	Cell viability	% growth
5b	104.1±0.5	104.9±0.6	180.7±10.1	208.5±13.6	92.3±3.6	88.4±5.4	89.5±2.0	87.3±2.5
5c	104.8±0.7	105.6±0.8	150.6±7.9	168.1±10.6	80.9±2.3	71.1±3.5	106.9±1.5	108.3±1.8
5f	107.3±0.8	108.6±1.0	182.0±8.9	210.4±11.9	95.0±3.5	92.4±5.3	93.3±2.4	91.9±2.9
7b	101.8±0.9	102.1±1.0	117.9±6.3	124.1±0.8	93.0±2.8	89.4±4.2	85.2±1.2	82.1±1.5
10a	82.4±1.9	79.3±2.2	79.4±2.1	72.3±2.9	86.7±1.4	79.9±2.2	87.2±0.9	84.5±1.0
12b	94.5±1.0	93.5±1.2	124.6±7.6	133.0±10.2	84.1±2.3	75.9±3.5	78.6±2.2	74.1±2.6
13	95.3±1.0	94.4±1.2	122.8±6.4	130.7±8.6	92.5±1.6	88.7±2.5	79.8±1.7	75.6±2.1
16	91.2±2.4	89.7±2.8	104.6±3.5	106.2±4.7	78.8±2.6	68.0±3.9	87.2±0.9	84.5±1.0
5-FU	83.9±1.5	81.2±1.8	75.9±5.1	67.6±6.8	72.9±1.7	58.9±2.5	57.0±1.7	48.0±2.0

a) Concentration of each compound, 10 μ M.

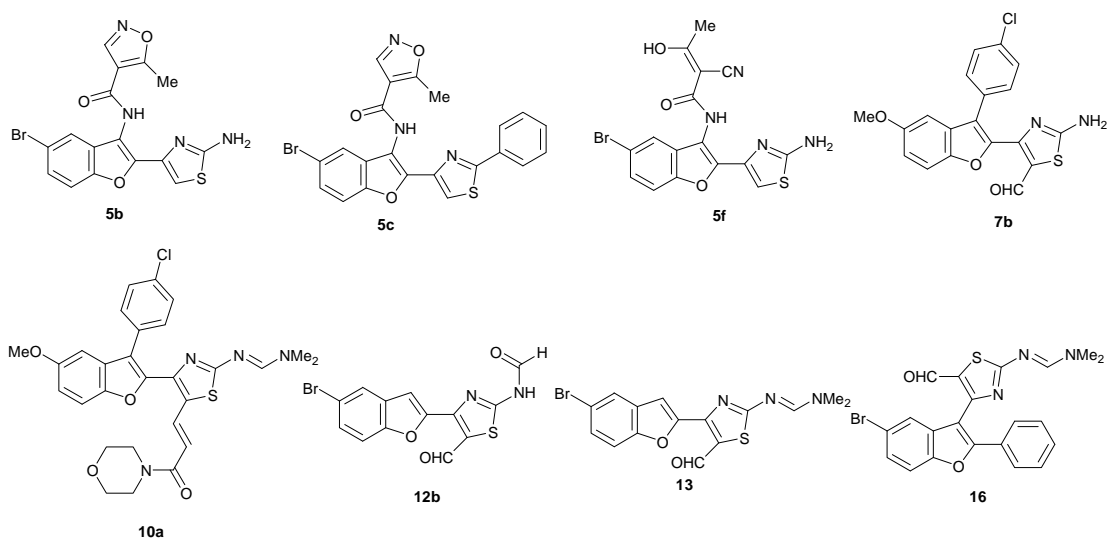


Fig. Structures of evaluated benzo[b]furan derivatives