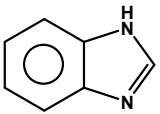
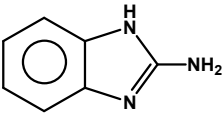
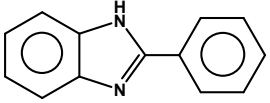
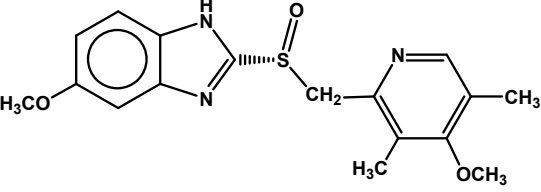
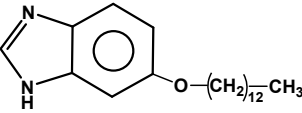
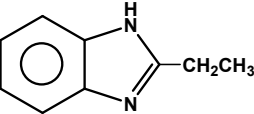
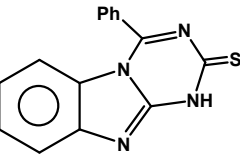
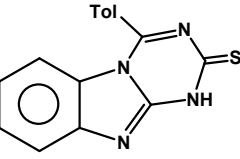
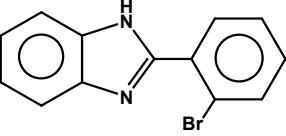
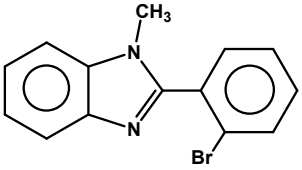
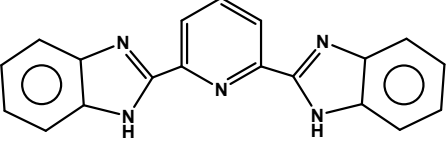
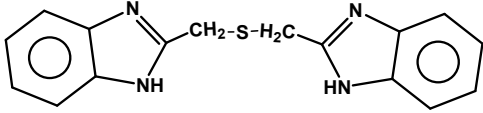
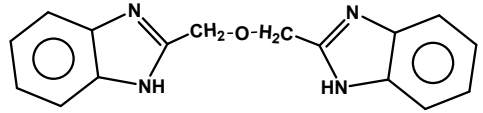
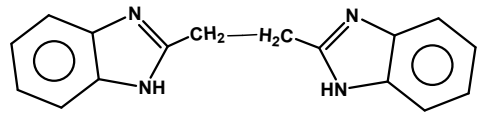


### Supporting Information

**Table S1** The inhibitive efficiency ( $\eta$ ) comparison of our studied inhibitors with other benzimidazole derivatives that previously reported elsewhere.

Inhibitor structure	Medium	Concentration	$\eta$ (%)	References
	0.1 M H <sub>2</sub> SO <sub>4</sub>	1×10 <sup>-3</sup> M	34.3	This work
	0.1 M H <sub>2</sub> SO <sub>4</sub>	1×10 <sup>-3</sup> M	62.8	This work
	0.1 M H <sub>2</sub> SO <sub>4</sub>	1×10 <sup>-3</sup> M	88.5	This work
	0.1 M H <sub>2</sub> SO <sub>4</sub>	1×10 <sup>-3</sup> M	99.8	This work
	1.0 M HCl	1×10 <sup>-4</sup> M	95.0	[1]
	1.0 M HCl	200 ppm	94.8	[2]
	2.0 M HCl	100 mg/L	90.2	[3]
	2.0 M HCl	100 mg/L	93.5	[3]
	0.5 M HCl	200 ppm	80.1	[4]
	0.5 M HCl	200 ppm	86.5	[4]
	1.0 M HCl	1×10 <sup>-3</sup> M	96.0	[5]

Inhibitor structure	Medium	C	$\eta$ (%)	References
	1.0 M HCl	$1 \times 10^{-3}$ M	92.0	[5]
	1.0 M HCl	$1 \times 10^{-3}$ M	91.0	[5]
	1.0 M HCl	$1 \times 10^{-3}$ M	89.0	[5]

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