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Copper(I) oxide nanoparticles catalyzed click chemistry based synthesis of melampomagnolide B-triazole conjugates and their anti-cancer activities

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Graphical abstract

Copper(I) Oxide Nanoparticles Catalyzed Click Chemistry Based Synthesis of Melampomagnolide B-triazole Conjugates and Their Anticancer Activities

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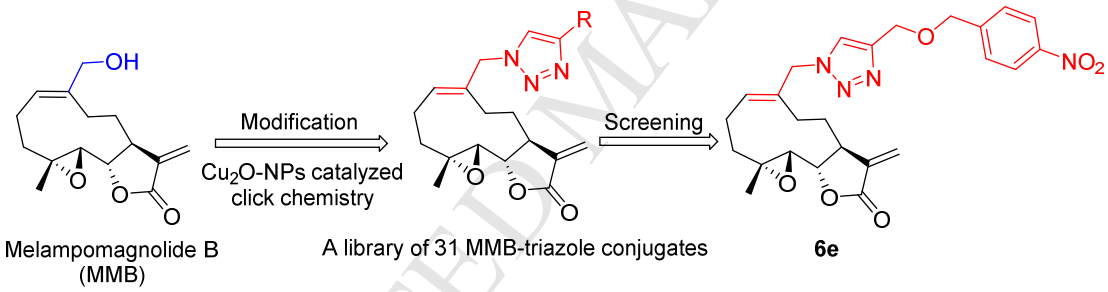

Cells	IC_{50} (μM)	
	MMB	6e
Bel7402	10.50	0.70
HCT116	4.93	**0.43**
PANC1	10.86	1.54
A549	9.94	1.35
U87	6.28	1.35

- Inducing apoptosis of HCT116 cells
- Inhibiting proliferation and migration of HCT116 cells