

## Supporting Information

### ***Candida albicans* causing ergosterol biosynthesis inhibition**

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**Table S1:** Docking profile of pta1, pta2, pta3 and fluconazole in complex with LDM enzyme.

**Table S2:** List of primers for ergosterol synthesis gene for RT-qPCR

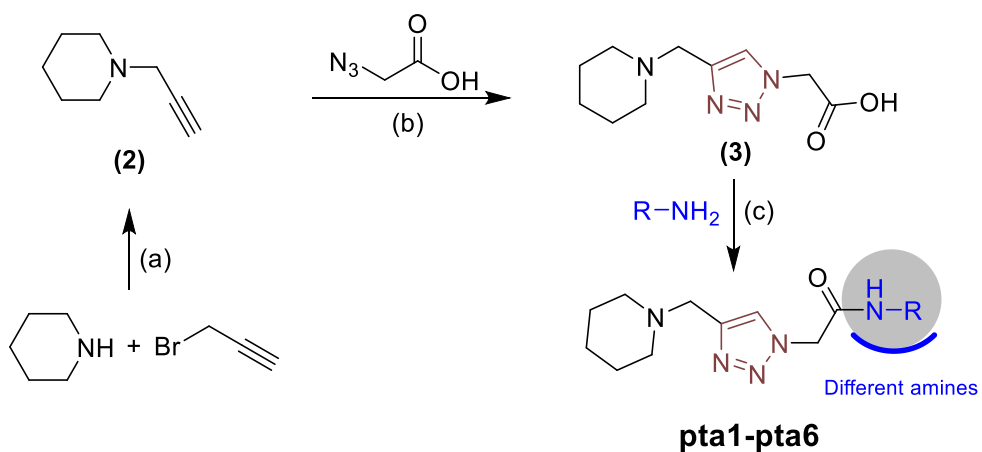
**Scheme S1:** Synthesis of piperidine based 1,2,3-triazolylacetamide derivatives (pta1-pta3)

**Table S1:** Docking profile of pta1, pta2, pta3 and fluconazole in complex with LDM enzyme.

Compounds	Docking Score (kcal/mol)
pta-1	-7.19
pta-2	-7.53
pta-3	-6.56
Fluconazole	-4.80

**Table S2:** List of primers for ergosterol synthesis gene for RT-qPCR

Gene	Primer	Sequence (5'-3')	Amplicon length (bp)
<i>ERG11</i>	Forward	CTC ATG GGG TTG CCA ATG TT TTT	207
	Reverse	GAG CAG CAT CAC GTC TC	
<i>ACT1</i>	Forward	TGG TGA TGA AGC CCA ATC CA CAT	169
	Reverse	TGG AGC TTC GGT CAA CA	



Reagents and conditions: (a) Dry Acetone, r.t, 1 min (b) Sodium ascorbate,  $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$ , DMF (c) HATU, DIPEA, DMF, 50 °C.

Compound	R-NH <sub>2</sub> Different amines
pta1	
pta2	
pta3	

**Scheme S1:** Synthesis of piperidine based 1,2,3-triazolylacetamide derivatives (pta1-pta3)