

## Supplementary materials

**Supplementary Table 1.** Binding energy (Kcal/mol) of docking ligands HMTA and Taxol to  $\alpha$ -tubulin and  $\beta$ -tubulin receptors.

Compounds	Binding affinity (Kcal/mol)	
	$\alpha$ -tubulin	$\beta$ -tubulin
HMTA	-5.4	-5.9
Taxol	-7.6	-9.3

HMTA, 4-hydroxy-2-methoxy-6-tridecylphenyl acetate.

## Supplementary Figure 1.

