

Table S1. NEs formulation optimization. Different NEs were produced containing SO (1 and 5%) as the oily phase and Pluronic® F-127 (10%, 12.5%, and 15%) as the aqueous phase.

Aqueous Phase (%)	Oil Phase (%)	Average size (nm)	PdI	Appearance	Activity against <i>Rhizopus oryzae</i>
10	1	-	-	Limpid	Ø
10	5	-	-	Turbid (=milky), after room temperature it formed phase	Ø
12.5	1	-	-	Limpid	Ø
15	1	-	-	Limpid	Ø
15*	5	45.56 ± 15.76	0.249± 0.014	Liquid, transparent, and no phase separation	97.66 µg/ml

* Optimal NE based on its appearance and antifungal activity.