

**Title:**

**Impact of oil type on the development and oral bioavailability of self-nanoemulsifying drug delivery systems containing simvastatin**

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**Supplementary Table S1.** Percentage transmittance of selected SNEDDS formulations.

<b>Formulation</b>	<b>% Transmittance</b>	<b>Formulation</b>	<b>% Transmittance</b>
Cin 3	100.46 ± 0.84	EO5	97.43 ± 1.23
Cin 8	100.31 ± 0.96	EO6	98.71 ± 0.8
Cin 9	100.77 ± 0.82	EO7	99.16 ± 0.57
Cin 12	101.78 ± 0.97	EO15	98.48 ± 0.92
Cin 13	101.7 ± 0.36	EO16	100.39 ± 0.58
Cin 14	101.39 ± 0.93	EO23	98.41 ± 1.36
Cin 17	100 ± 0.23	EO24	99.31 ± 0.69
Cin 18	99.85 ± 0.48	EO32	98.55 ± 0.8
Cin 21	99.85 ± 0.81	EO39	99.08 ± 0.46
Cin 22	99.46 ± 0.48	EO40	99.69 ± 0.58
Cl 3	100 ± 1.28	EO44	96.98 ± 1.23
Cl 4	100.16 ± 0.93	Cl 10	100.23 ± 0.61
Cl 7	99.77 ± 0.69	Cl 11	99.77 ± 0.998
Cl 8	99.85 ± 0.48	Cl 14	99.93 ± 1.63
Cl 9	99.7 ± 0.93	Cl 15	100.24 ± 1.88

**Supplementary Table S2.** Composition and thermodynamic stability test results of selected SNEDDS formulations.

<b>Name</b>	<b>Oil (%)</b>	<b>Surfactant (%)</b>	<b>Co-surfactant (%)</b>	<b>Centrifugation</b>	<b>Heating-cooling cycle</b>	<b>Freeze-thaw cycle</b>
<b>Cin 3</b>	19.3 Cinnamon oil	59.4 Tween 80	19.3 Labrasol	Stable	Stable	Stable
<b>Cin 8</b>	29.3 Cinnamon oil	49.4 Tween 80	19.3 Labrasol	Stable	Stable	Stable
<b>Cin 9</b>	29.3 Cinnamon oil	39.4 Tween 80	29.3 Labrasol	Stable	Stable	Stable
<b>Cin 12</b>	39.3 Cinnamon oil	49.4 Tween 80	9.3 Labrasol	Stable	Stable	Stable
<b>Cin 13</b>	39.3 Cinnamon oil	39.4 Tween 80	19.3 Labrasol	Stable	Stable	Stable
<b>Cin 14</b>	39.3 Cinnamon oil	29.4 Tween 80	29.3 Labrasol	Stable	Stable	Stable
<b>Cin 17</b>	49.3 Cinnamon oil	39.4 Tween 80	9.3 Labrasol	Stable	Stable	Stable
<b>Cin 18</b>	49.3 Cinnamon oil	29.4 Tween 80	19.3 Labrasol	Stable	Stable	Stable
<b>Cin 21</b>	59.3 Cinnamon oil	29.4 Tween 80	9.3 Labrasol	Stable	Stable	Stable
<b>Cin 22</b>	59.3 Cinnamon oil	19.4 Tween 80	19.3 Labrasol	Stable	Instable	Instable
<b>Cl 3</b>	24.3 Clove oil	54.4 Tween 80	19.3 Transcutol-P	Stable	Stable	Stable
<b>Cl 4</b>	24.3 Clove oil	44.4 Tween 80	29.3 Transcutol-P	Stable	Stable	Stable
<b>Cl 7</b>	34.3 Clove oil	54.4 Tween 80	9.3 Transcutol-P	Stable	Stable	Stable
<b>Cl 8</b>	34.3 Clove oil	44.4 Tween 80	19.3 Transcutol-P	Stable	Stable	Stable
<b>Cl 9</b>	34.3 Clove oil	34.4 Tween 80	29.3 Transcutol-P	Stable	Stable	Stable
<b>Cl 10</b>	44.3 Clove oil	44.4 Tween 80	9.3 Transcutol-P	Stable	Stable	Stable

<b>Name</b>	<b>Oil (%)</b>	<b>Surfactant (%)</b>	<b>Co-surfactant (%)</b>	<b>Centrifugation</b>	<b>Heating-cooling cycle</b>	<b>Freeze-thaw cycle</b>
<b>CI 11</b>	44.3 Clove oil	34.4 Tween 80	19.3 Transcutol-P	Stable	Stable	Stable
<b>CI 14</b>	54.3 Clove oil	34.4 Tween 80	9.3 Transcutol-P	Stable	Stable	Stable
<b>CI 15</b>	54.3 Clove oil	24.4 Tween 80	19.3 Transcutol-P	Stable	Stable	Stable
<b>EO5</b>	9.3 Ethyl oleate	49.4 Tween 80	39.3 Propylene glycol	Stable	Stable	Stable
<b>EO6</b>	9.3 Ethyl oleate	44.4 Tween 80	44.4 Propylene glycol	Stable	Stable	Stable
<b>EO7</b>	9.3 Ethyl oleate	39.4 Tween 80	49.3 Propylene glycol	Stable	Stable	Stable
<b>EO15</b>	14.3 Ethyl oleate	44.4 Tween 80	39.3 Propylene glycol	Stable	Stable	Stable
<b>EO16</b>	14.3 Ethyl oleate	34.4 Tween 80	49.3 Propylene glycol	Stable	Stable	Stable
<b>EO23</b>	19.3 Ethyl oleate	39.4 Tween 80	39.3 Propylene glycol	Stable	Stable	Stable
<b>EO24</b>	19.3 Ethyl oleate	29.4 Tween 80	49.3 Propylene glycol	Stable	Stable	Stable
<b>EO32</b>	24.3 Ethyl oleate	34.4 Tween 80	39.3 Propylene glycol	Stable	Stable	Stable
<b>EO39</b>	29.3 Ethyl oleate	34.4 Tween 80	34.3 Propylene glycol	Instable	Instable	Instable
<b>EO40</b>	29.3 Ethyl oleate	29.4 Tween 80	39.3 Propylene glycol	Stable	Stable	Stable
<b>EO44</b>	34.3 Ethyl oleate	34.4 Tween 80	29.3 Propylene glycol	Instable	Instable	Instable