

Table S1- Solubility of Na in different surfactant & Co-surfactant

S.no	Surfactant/Co-Surfactants	HLB	Drug solubility (mg/ml)
1	Tween 20	16.7	6.2± 0.315
2	Tween 40	15.6	6.9± 0.164
3	Tween 80	15	10.2± 0.218
4	PEG400	11.4	40.5± 0.182

Table S2 - HLB value of selected surfactants

S. No.	Surfactant/ Co- Surfactants	HLB
1	Tween 20	16.7
2	Tween 40	15.6
3	Tween 80	15
4	PEG400	11.4

Table S3: Summary of regression analysis findings for responses R1, R2 and R3 for quadratic equation fitting

Responses	R ²	Adjusted R ²	Predicted R ²	S.D.	C.V.%	Adequate precision
R1 = particle size	0.9877	0.9657	0.8983	9.37	5.04	22.2071
R2 = PDI	0.9844	0.9564	0.7783	0.0197	7.69	19.5793
R3 = Zeta	0.9732	0.9250	0.9359	0.2202	0.8748	14.9459

Figure S1– Observation of Stress Stability Studies of different formulations

