Figure Captions

Fig. 1: TGA profile of bulk ART showing weight loss as a function of temperature

Fig. 2a: TEM images of the shape and surface morphology of particles of NLC formulations

Fig. 2b: SEM images of optimized ART-NLC and zero-ART (blank NLC) formulations

Fig. 3: Absolute amount permeated

Fig. 4: Amount of ART permeated (%)

Fig. 1: TGA profile of bulk ART showing weight loss as a function of temperature
Fig. 2a: TEM images of the shape and surface morphology of particles of NLC formulations

A: ART-NLC 0.1 Mag. X12,000
B: AR-NLC 0.25 Mag. X60,000
C: ART-NLC 0.50 Mg.X30,000
D: ART-NLC 0.75 Mag. X8,000
E: Blank NLC mag. X10,000
F: Blank NLC single particles

Fig. 2b: SEM images of optimized ART-NLC and zero-ART (blank NLC) formulations

ART
ART- NLC (0.25 g ART)
Blank NLC
Fig. 3: Absolute amount permeated

ART concentrations of 28, 30 and 25 mg corresponding to NLC formulations S1, S2 and S3 respectively which were contained in individual FDC.
Fig. 4: Amount of ART permeated (%)

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<th>Time (h)</th>
<th>Amount permeated (%)</th>
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- S1: Linear (S1)
- S2: Linear (S2)
- S3: Linear (S3)

$R^2 = 1$

$R^2 = 0.99$