

ELECTRONIC SUPPLIMETRY INFORMATION

Paliperidone loaded spherical solid lipid nanoparticles

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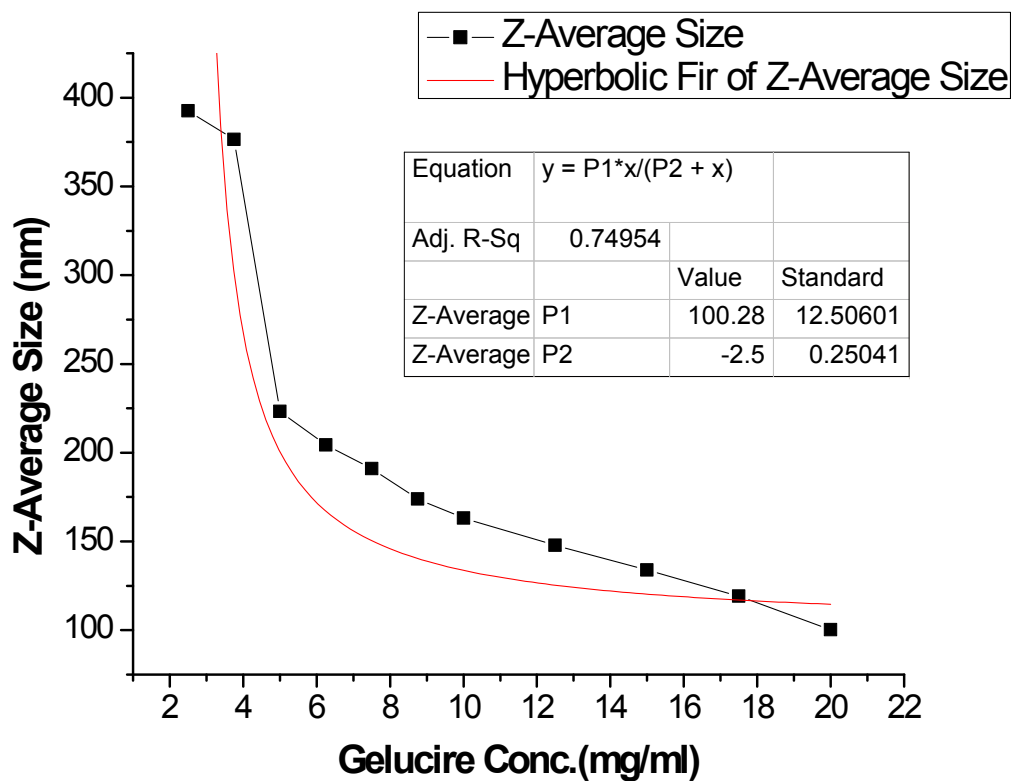


Figure S1. Hyperbolic fit of concentration of Gelucire® 50/13 against Z-average particle size.

The SLNs were prepared from a mixture of 10 mg/ml of Gelucire® 50/13, 10 mg/ml of Capmul® GMS 50K. Paliperidone to lipid ratio was 1:10 in Paliperidone loaded SLNs.

Results

	Size (d.nm):	% Intensity	Width (d.n...
Z-Average (d.nm): 135.6	Peak 1: 214.4	93.2	177.9
Pdl: 0.404	Peak 2: 3808	5.0	1158
Intercept: 0.923	Peak 3: 23.83	1.9	3.546

Result quality : **Good**

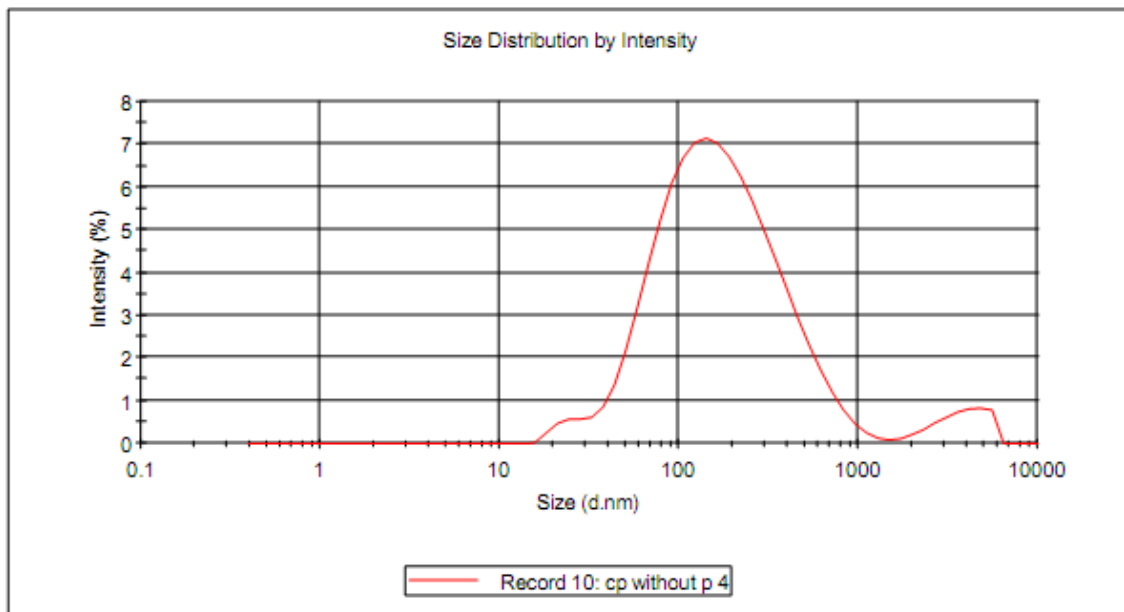


Figure S2 (A) DLS data for SLNs without paliperidone

Z-Average (d.nm): 158.9 **Peak 1:** 193.6 **% Intensity:** 87.0 **Width (d.nm):** 117.6
PdI: 0.431 **Peak 2:** 3274 **% Intensity:** 13.0 **Width (d.nm):** 1262
Intercept: 0.918 **Peak 3:** 0.000 **% Intensity:** 0.0 **Width (d.nm):** 0.000

Result quality : Good

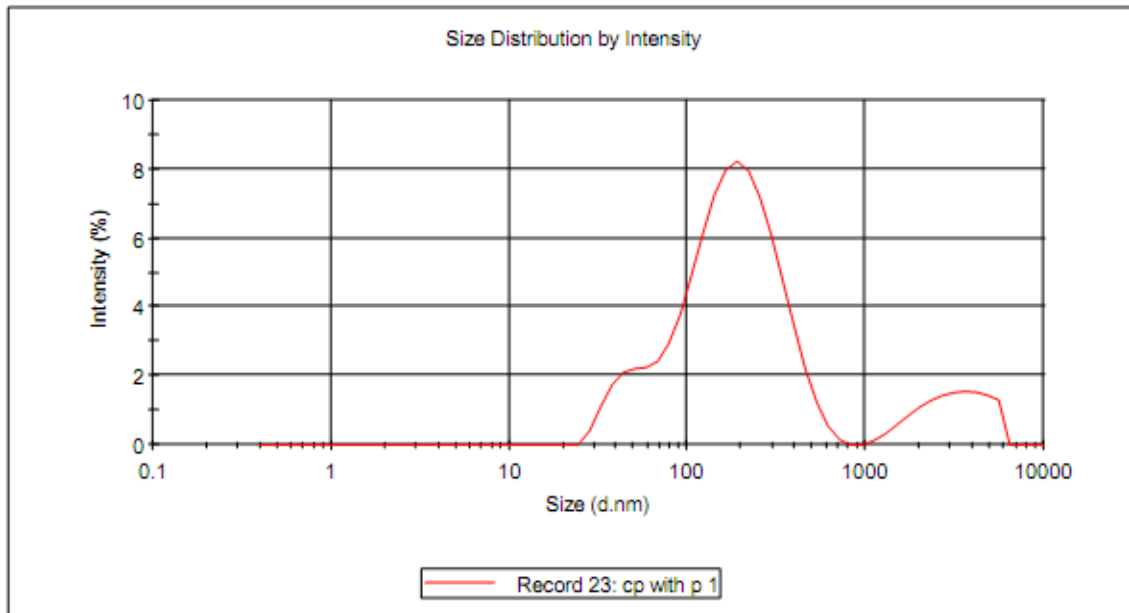


Figure S2 (B) DLS data for the Paliperidone loaded SLNs