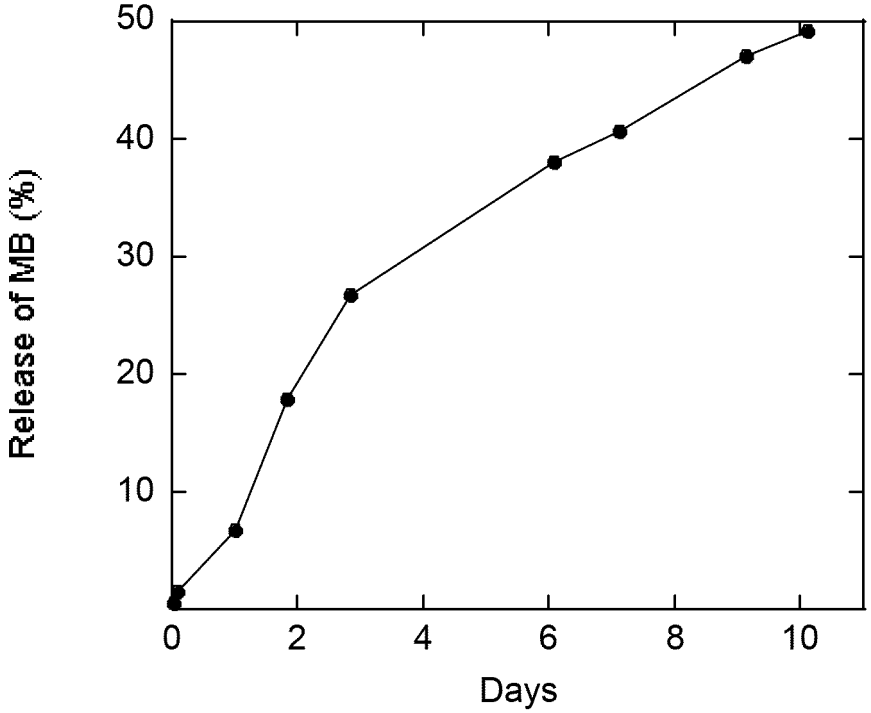


Figure 1. Cumulative release of MB from a depot forming a reversed hexagonal H_{II} phase.

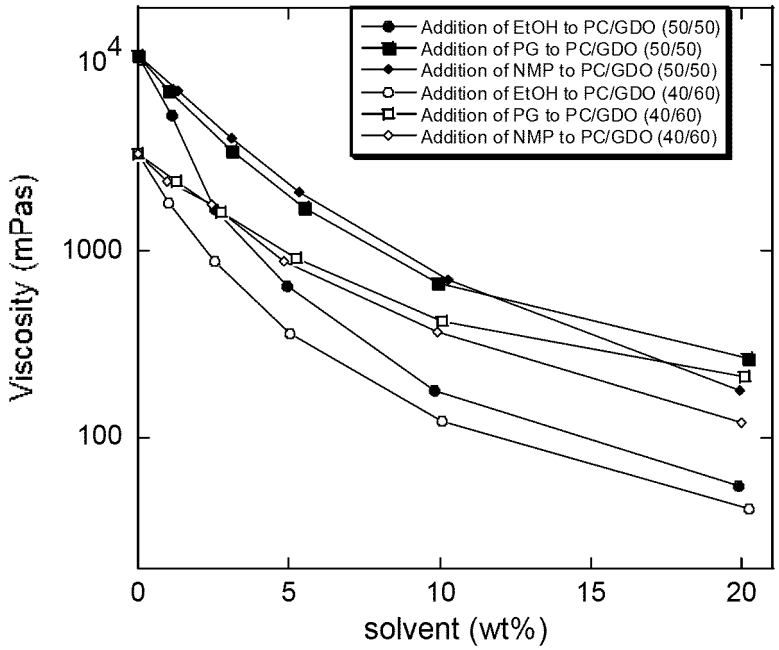


Figure 2. Decrease in viscosity at 25˚C of the depot precursor on addition of solvents. PC/GDO (50/50 wt/wt) is a precursor to a reversed hexagonal H_{II} phase and PC/GDO (40/60 wt/wt) is a precursor to a reversed cubic I_2 phase.

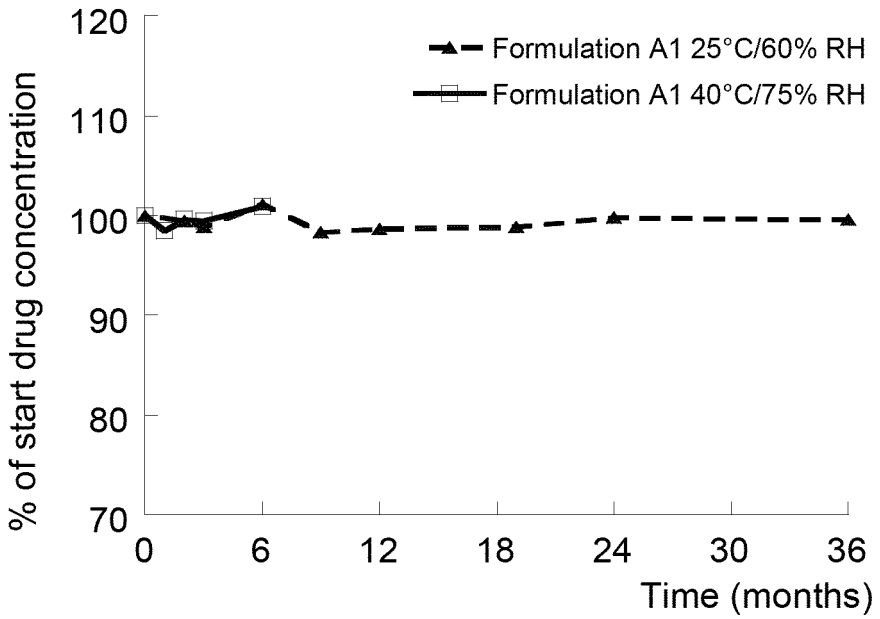


Figure 3. Stability of buprenorphine at long-term 25°C/60% RH and accelerated 40°C/75% RH conditions in Formulation A1 (also referred to as CAM2038-G) as described in Example 11

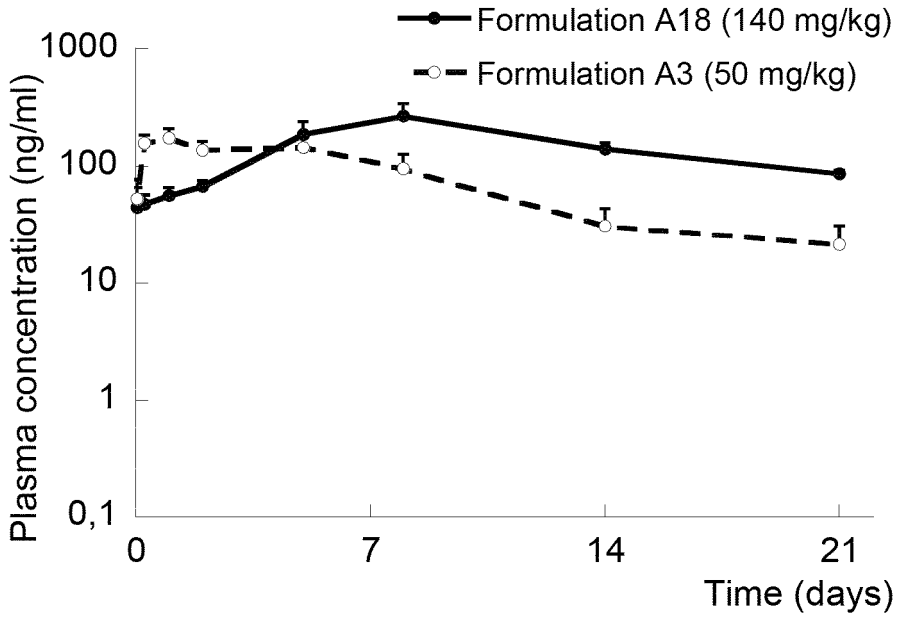


Figure 4. Plasma profiles in rats (N=6) after subcutaneous injection of Formulation A18 and A3 (Example 11) at doses of 140 mg/kg and 50 mg/kg, respectively.

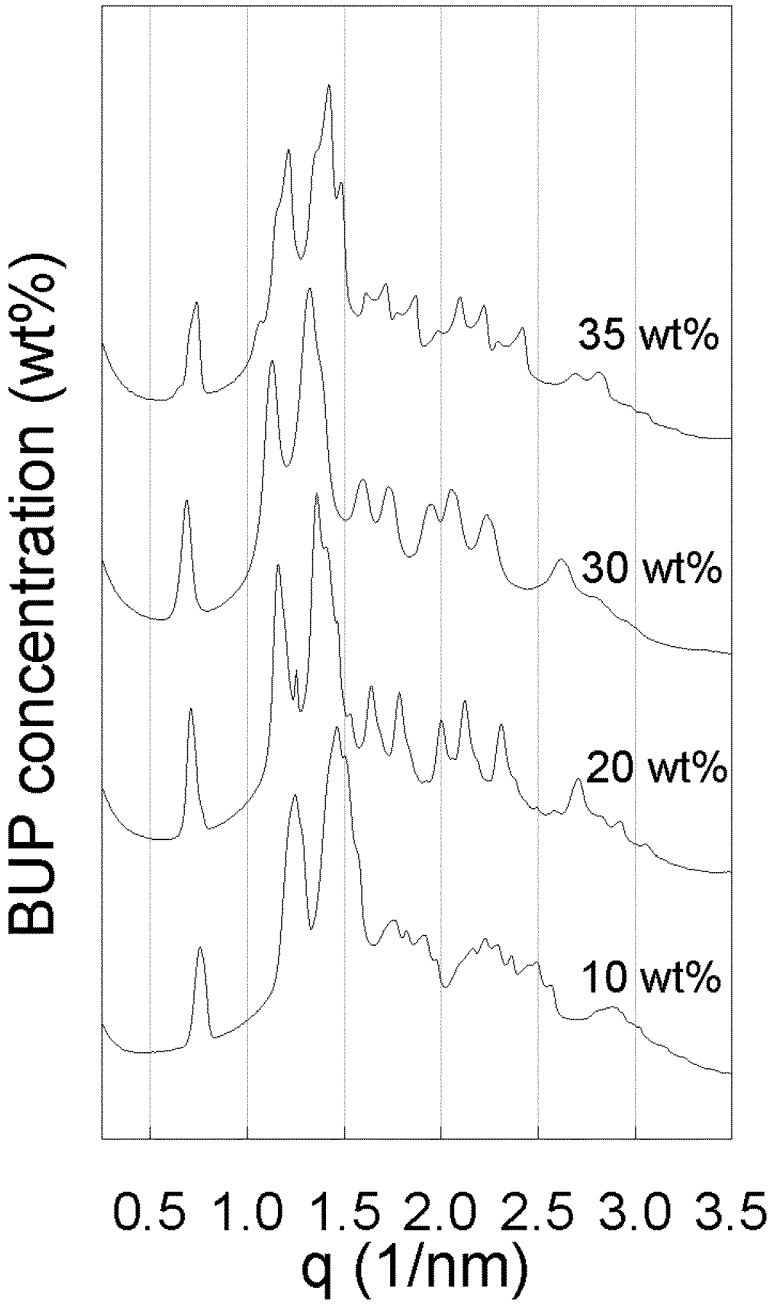


Figure. 5 X-ray diffractograms of the BJ formulations in PBS containing different amounts of BUP. Samples are prepared at formulation to PBS weight ratio of 1/9. Upon increasing BUP concentration the Fd3m liquid crystalline structure remains unchanged.

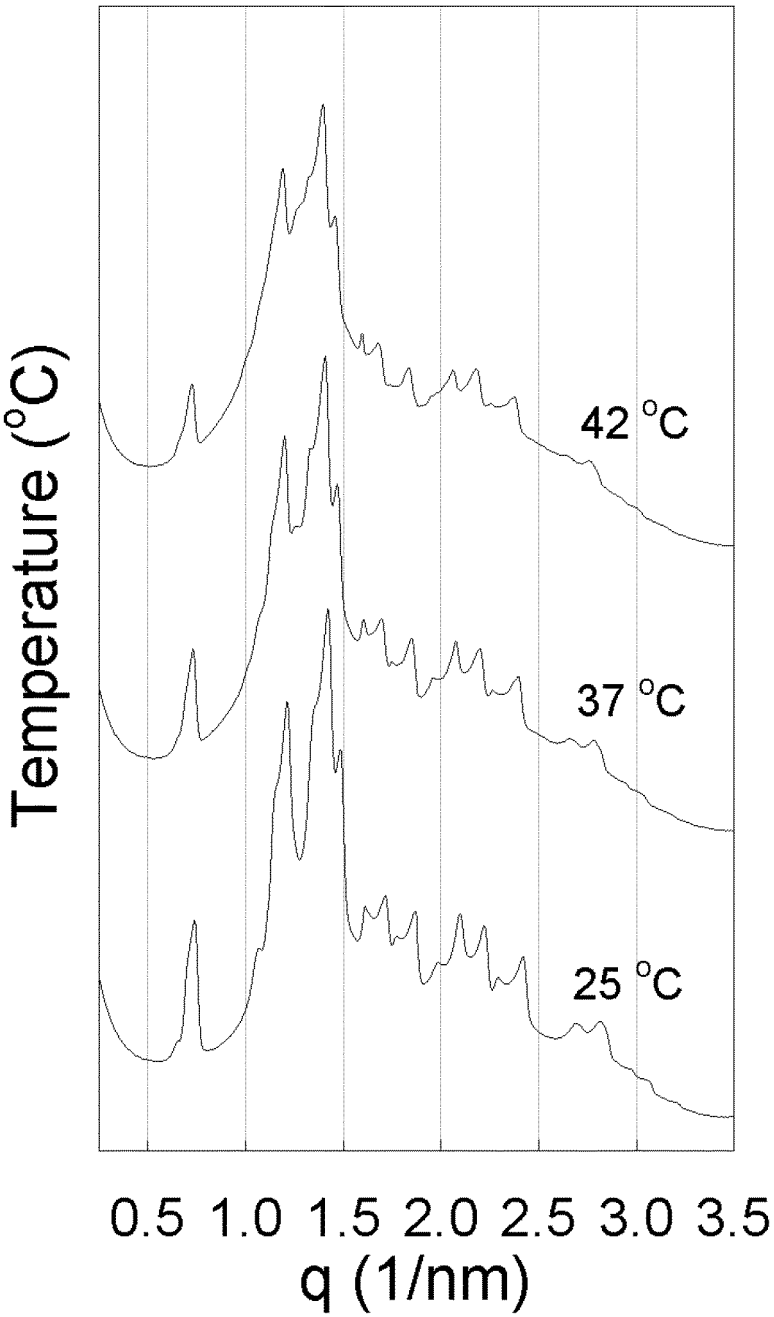


Figure. 6 X-ray diffractograms of the BJ formulation containing 35 wt% of BUP as a function of temperature. Sample is prepared at formulation to PBS weight ratio of 1/9. Upon increasing temperature from 25 to 42 °C the Fd3m liquid crystalline structure remains unchanged.

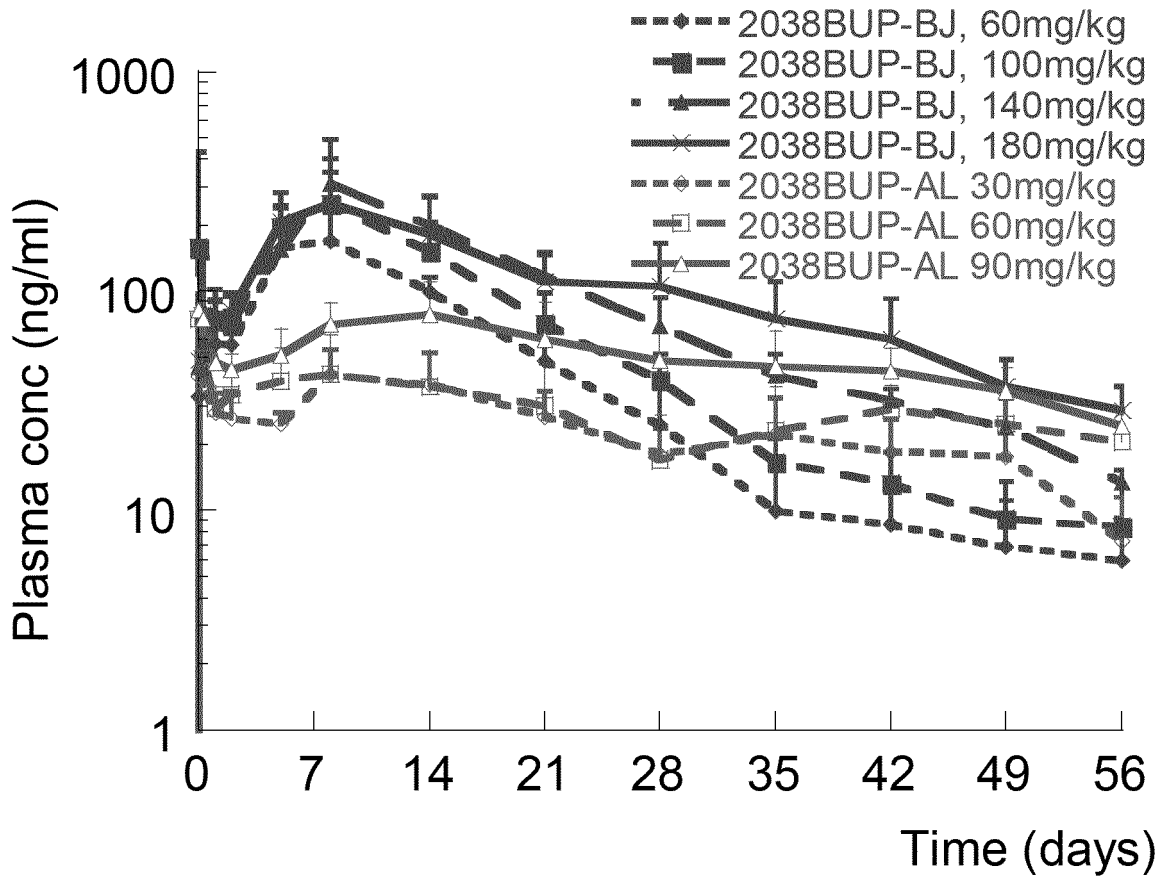


Figure 7 - Plasma concentration of BUP following administration of lipid (solid point markers) and PLGA (open point markers) deopt precursor formulations at various concentrations.

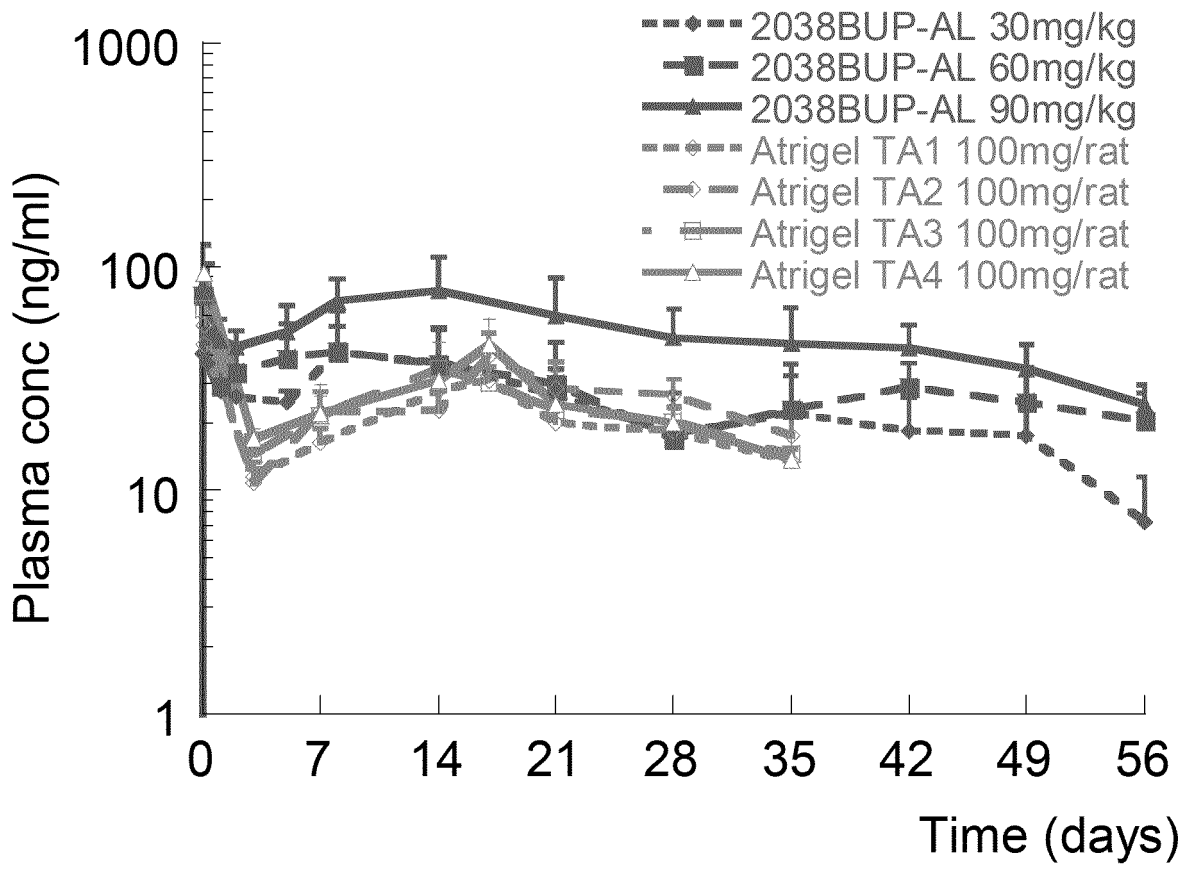


Figure 8 - Comparison of Buprenorphine release in ready-to-administer polymeric compositions of Example 17 with previous compositions of PCT/GB2011/051057

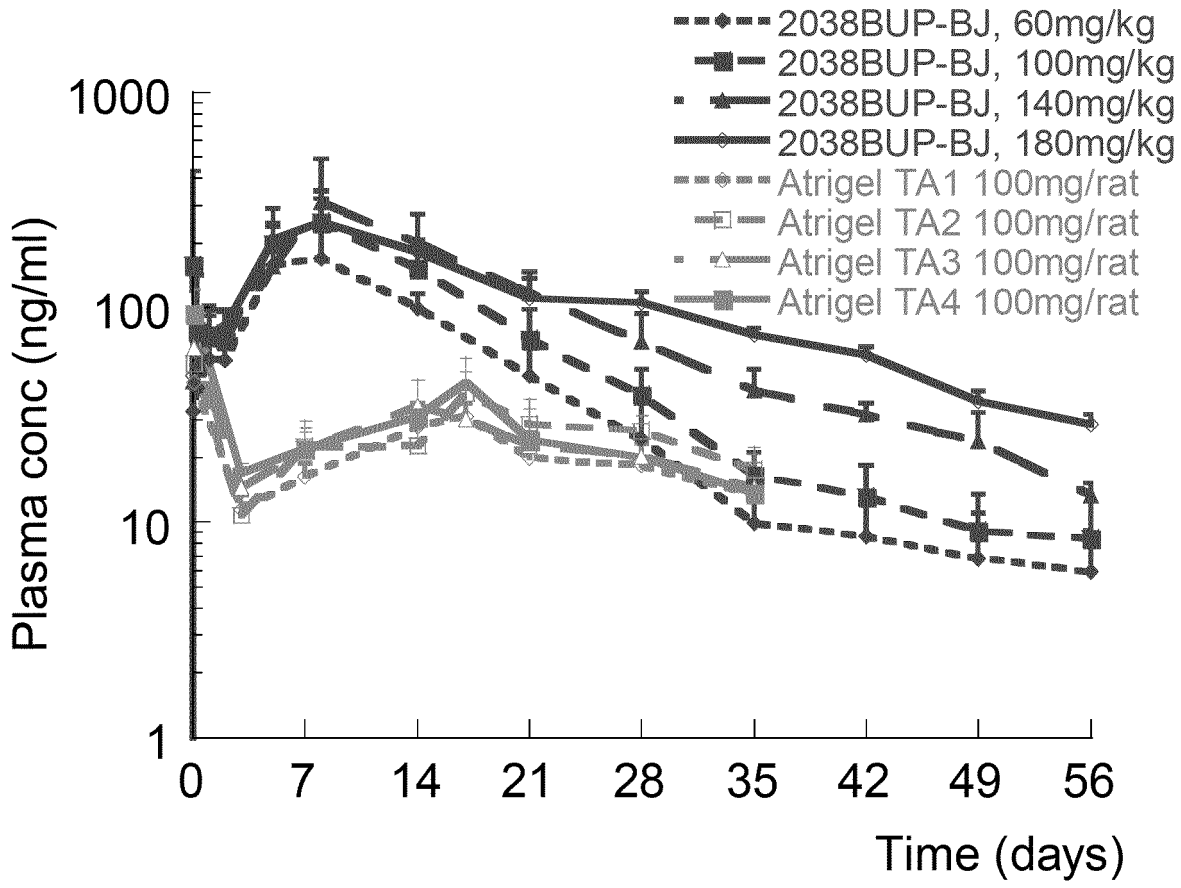


Figure 9 - Comparison of Buprenorphine release in ready-to-administer lipid compositions of Example 17 (solid markers) with previous compositions of PCT/GB2011/051057 (open markers)

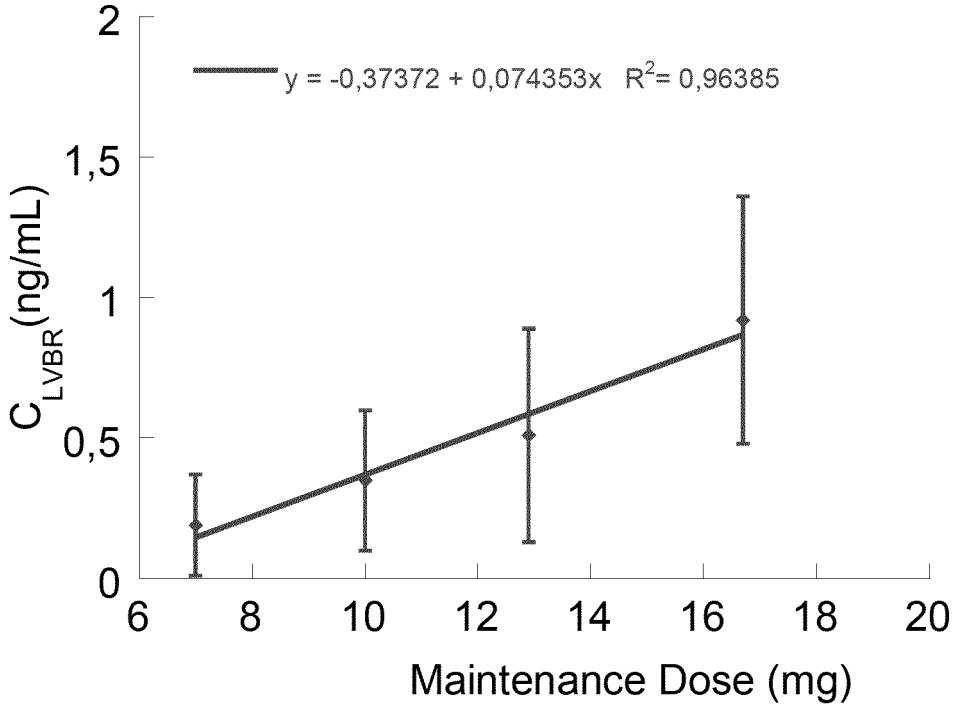


Figure 10 - Blood plasma concentration prior to rescue buprenorphine request following depot administration plotted against the subject's previous daily maintence dose prior to transfer to depot adminstration.