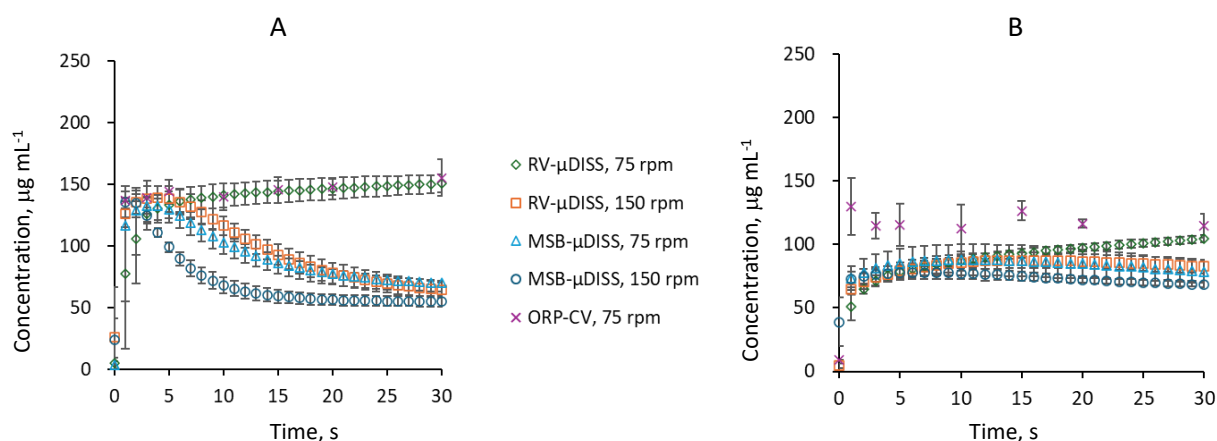
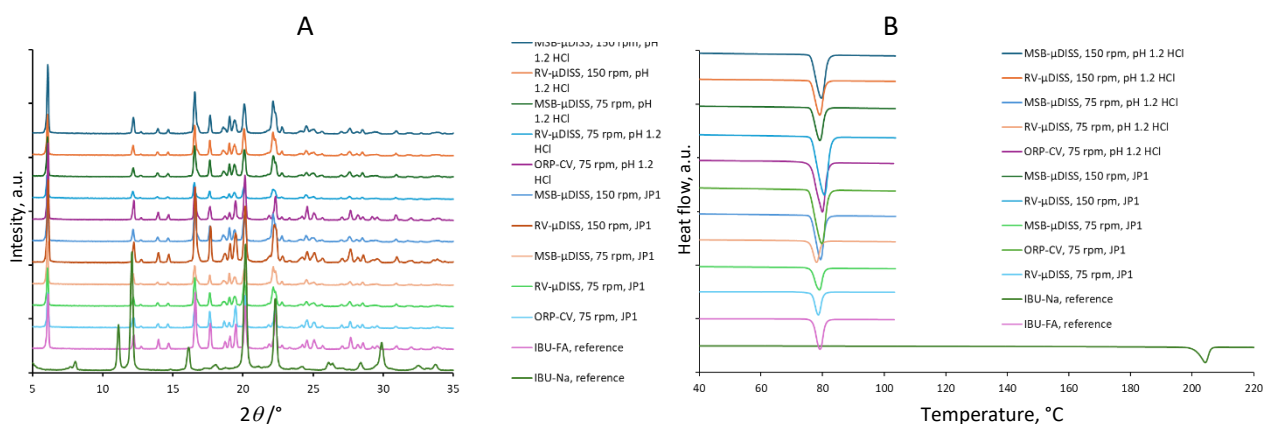


Supplementary material to

## Novel stirring method for small-scale dissolution test: Rotating vessel method

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**Figure S1.** Dissolution profiles of IBU-Na in (A) pH 1.2 HCl (without NaCl) and (B) JP1 (pH 1.2 HCl containing 34.2 mM NaCl) under various stirring conditions (0 to 30 min). Mean  $\pm$  S.D.,  $N = 3$ .

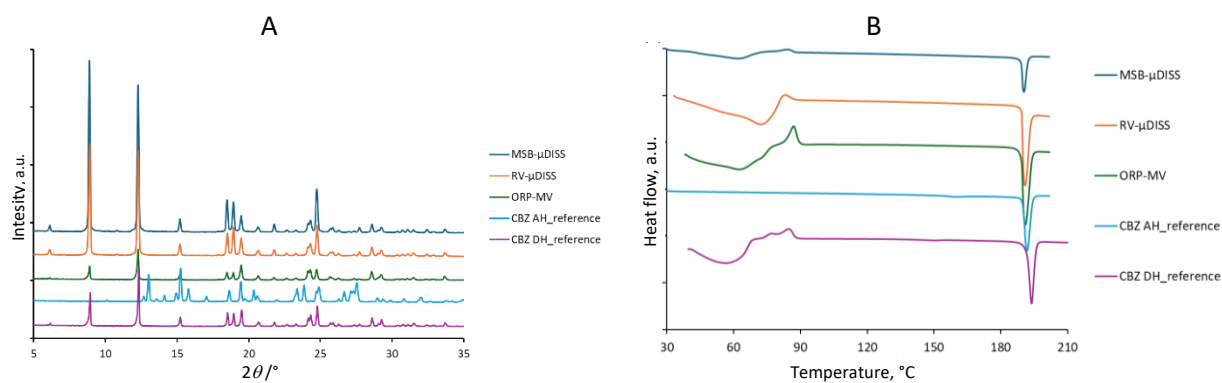


**Figure S2.** PXRD (A) and DSC (B) data of ibuprofen precipitants

(A) pH 1.2 HCl (without NaCl)



(B) JP1 (pH 1.2 HCl, 34.2 mM NaCl)

**Figure S3.** Oil phase separation of ibuprofen free acid**Figure S4.** PXRD (A) and DSC (B) data of carbamazepine precipitants