Gas-phase ion exchange into zeolites: A proposed set-up design

Faouzi Ayari[a*], Emna Mannei[a]

[a] University of Monastir, Faculty of Pharmacy of Monastir, Laboratory of chemical, galenic and pharmacological development of drugs, 5000 Monastir, Tunisia

[*] Corresponding author.
E-mail address: faouzi.ayari@fphm.rnu.tn

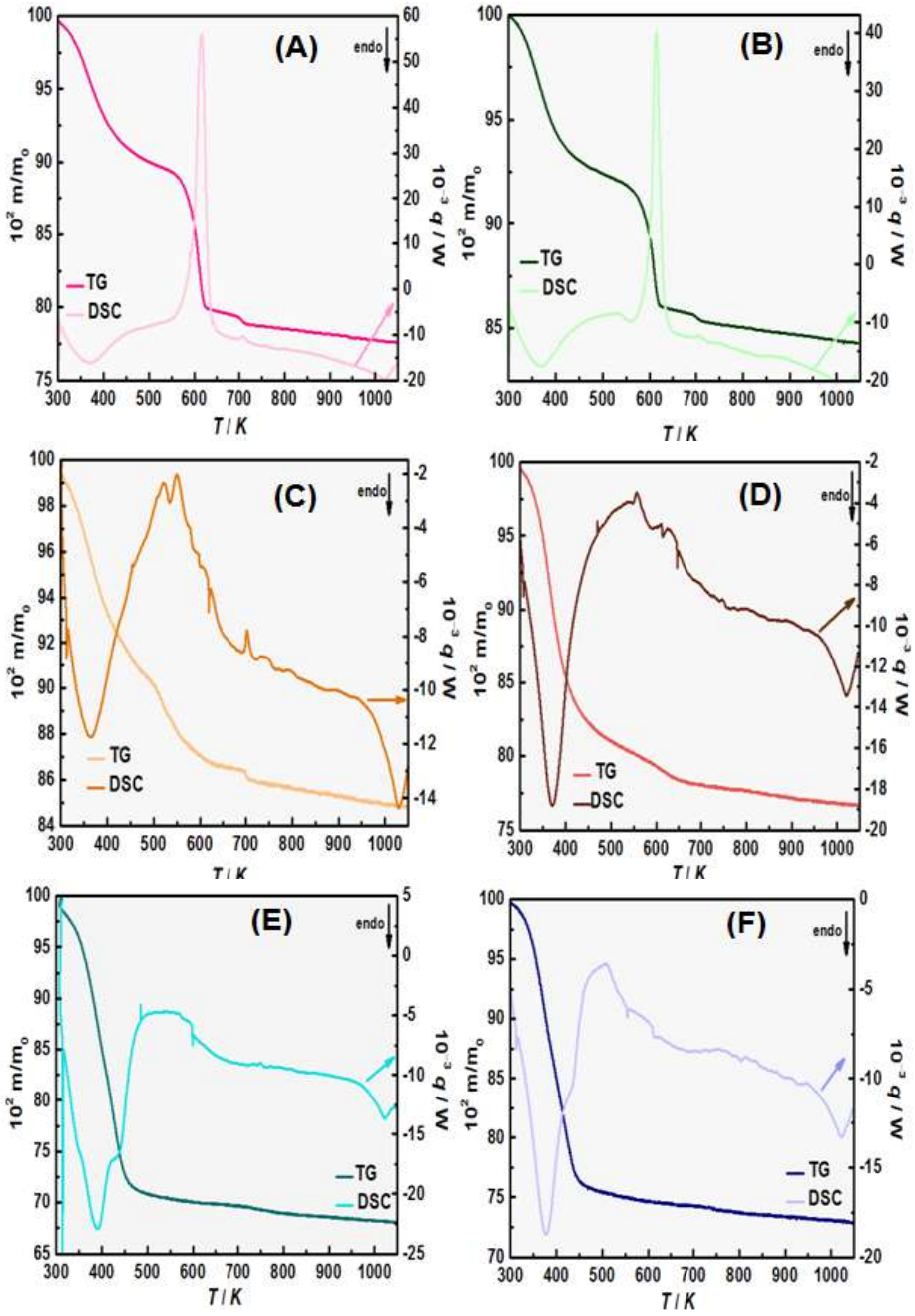

Figure S1. Thermal treatment of Cr-P-ZSM-(Si/2Al) mixtures under air stream (5×10^{-2} dm^3 min^{-1}, 10 K min^{-1}): TG/DSC curves of (A) Cr-acetate-ZSM-(30), (B) Cr-acetate-ZSM-(50), (C) Cr-ammonium dichromate-ZSM-(30), (D) Cr-chloride-ZSM-(30), (E) Cr-nitrate-ZSM-(30), and (F) Cr-nitrate-ZSM-(50) Theoretical Cr/Al molar ratio = 1. *q*: Heat flow