

S1, Melting points of Betaine with acids as a function of molar fraction x

A

B

C

D

Legend. Panel A: (▲) D-(+)-Mandelic acid, (◆) Phenylacetic acid. **Panel B:** (▲) 4-Chloro-Benzoic Acid, (◇) 3-Chloro-Benzoic acid, (○) 2-Chloro-Benzoic acid.

Panel C: (■) Citric acid, (◆) Oxalic acid.

Panel D: (◆) 2-Furoic acid, (■) Salicylic acid.