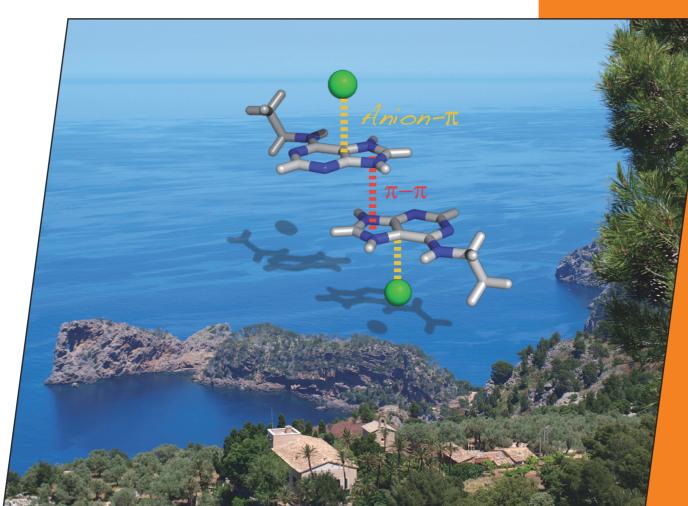


27/2010 3rd September Issue



Cover Picture

Francisca M. Albertí, Antonio Frontera et al. Anion- π Interactions in N⁶- and N⁹-Decyladenine Salts

Microreview

M. Dolores López de la Torre et al. Covalent Bonds on Activated Carbon



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A Journal of

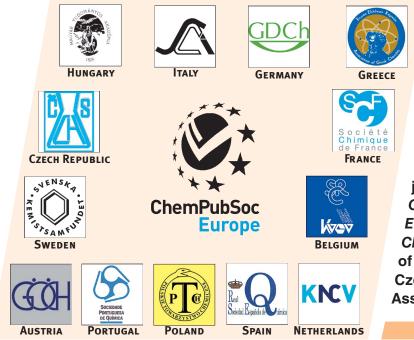




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COVER PICTURE

The cover picture shows the interesting anion $-\pi/$ $\pi - \pi/anion - \pi$ assembly that is found in the solidstate architecture of an adenine derivative hydrochloride salt. The adenine has been decorated with a long alkyl chain (C_{10}) in order to have a predefined ordering in the crystal due to hydrophobic effects. The influence of an ion $-\pi$ and $\pi - \pi$ interactions on the final structure has been studied both experimentally and theoretically. Details are discussed in the article by A. García-Raso et al. on p. 5171ff. The background picture depicts the scientific tradition of the Balearic Islands that springs from Ramon Llull, a 13th century philosopher, who founded a college in Miramar that is located in the northwest of the island of Majorca.

