

zve všechny zájemce na ústavní seminář,
na kterém promluví

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na téma

Unusual Effects of Tetramethylammonium Ion on the Voltammetry of Polycyclic Aromatic Hydrocarbons

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Abstract:

The voltammetric behavior of polycyclic aromatic hydrocarbons in aprotic solvents is known to be affected by the nature of the cation of the supporting electrolyte. This is because of ion-pairing of the cation to the electrogenerated hydrocarbon dianion. In general, the strength of ion-pairing decreases as the size of the cation increases, which may be a steric effect. However, tetramethylammonium ion is unusual in that it appears to form a weaker ion pair than some larger cations. We have carried out a lengthy computational study which has revealed the cause of this behavior.

Těšíme se na Vaši účast. Hosté jsou vítáni.

