| Full Paper | Thematic Section: Preparative Research. |
|---|---|
| Reference Object Identifier – ROI: jbc-02/16-46-6-150 | Subsection: Electrochemistry. |
| Publication is available for discussion in the framework of the on-line Internet of | conference "Butlerov readings". |
| http://butlerov.com/readings/ | |
| In memory of Professor E.A. Berdnikov dedicated. | |
| Submitted on August 28, 2016. | |

Measurement of conductivity of anilinium borfluoride

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Keywords: electroconductivity, anilinium borfluoride, supporting electrolytes, electrosynthesys.

Abstract

Anilinium borfluoride was synthesized. Solubility and electroconductivity in dry acetonitrile of this compouund was studied. Comparison of electroconductive properties of the known supporting electrolytes (perchlorate of sodium, tetraalkylammonium salts) and anilinium borfluorid has shown that anilinium borfluorid can be used as supporting electrolyte at various electrosynthesis that opens new perspectives in electrochemical reactions with participation of aromatic amines.