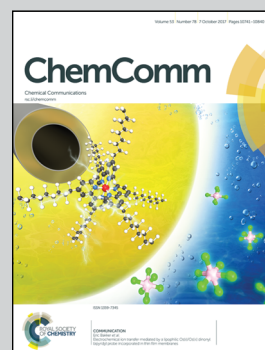


Showcasing research from the group of Professor Ralf Ludwig at the University of Rostock, Physical and Theoretical Chemistry, Germany.

Utilization of the dye *N*-methyl-6-oxyquinolone as an optical acidometer in molecular solvents and protic ionic liquids

The protonation equilibrium of *N*-methyl-6-oxyquinolone can be used as a molecular pH meter in molecular solvents and even in ionic liquids. We show that a combination of optical spectroscopy and a mathematical algorithm provides the number of acidic protons.

As featured in:



See Stella Schmode and Ralf Ludwig, *Chem. Commun.*, 2017, 53, 10761.