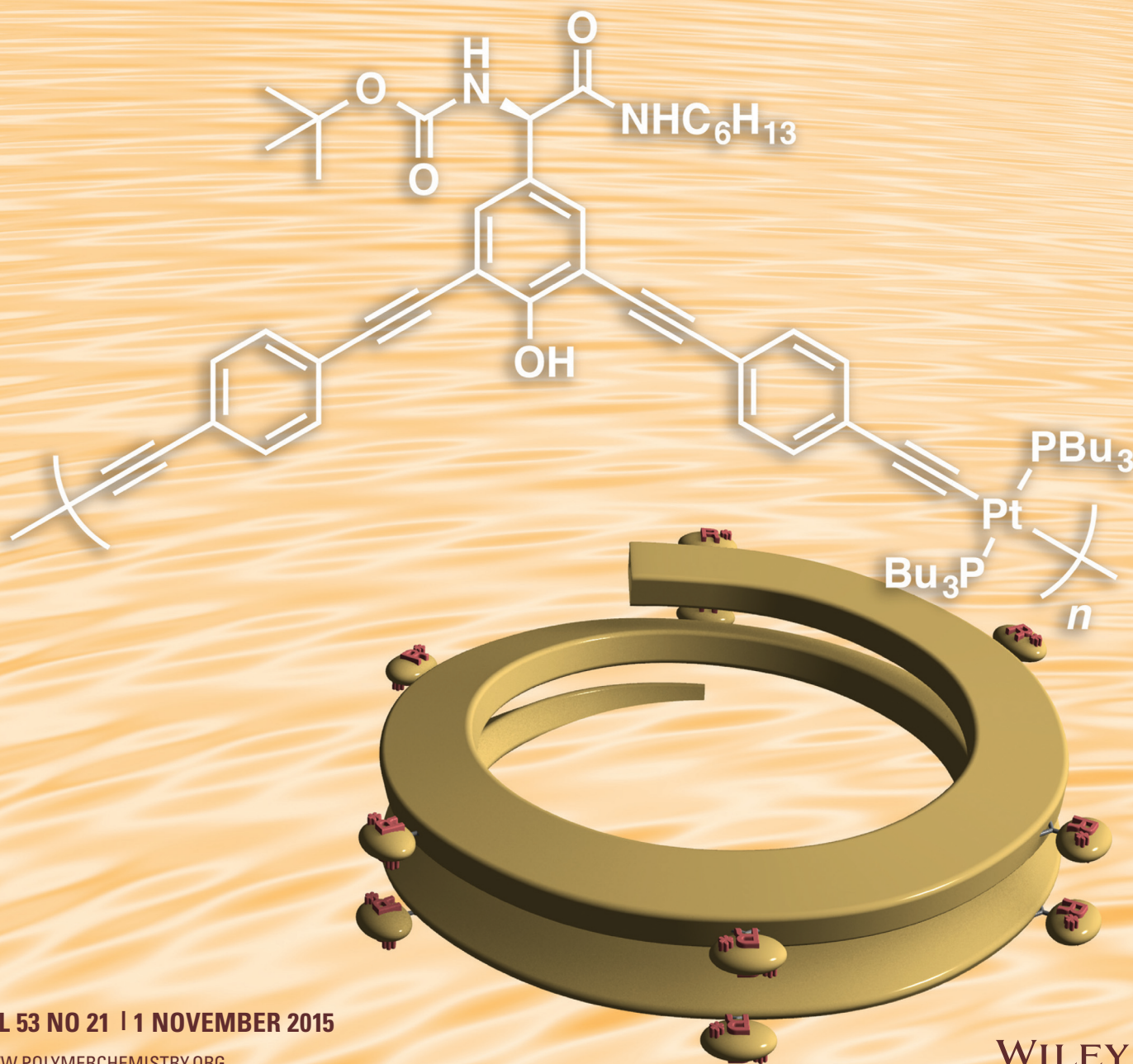


JOURNAL OF POLYMER SCIENCE | PART A

Polymer Chemistry

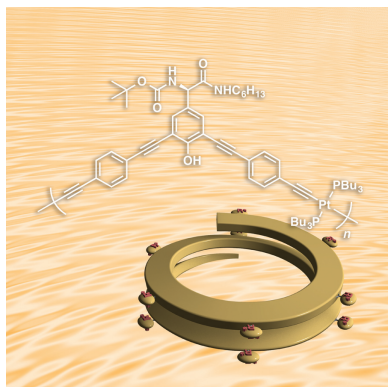


VOL 53 NO 21 | 1 NOVEMBER 2015

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Polymer Chemistry



CONJUGATED POLYMERS

On page 2452, Yu Miyagi, Takehiro Hirao, Takeharu Haino, and Fumio Sanda report the synthesis of optically active conjugated polymers containing platinum in the main chain by the Sonogashira-Hagihara coupling polymerization of D-hydroxyphenylglycine-derived optically active diiodoareylene monomers with a platinum-containing diethynyl monomer, and control of the higher-order structures of the polymers by substituents and solvents. The amide-substituted polymers form chiral aggregates in polar media (THF/MeOH mixtures) and one-handed helices in nonpolar media (THF/toluene mixtures).

Coming soon Look for these important papers in upcoming issues of JPS: Polymer Chemistry

Kylie B. Manning, Alexander G. Shtukenberg, Shane M. Nichols, Bart Kahr, and Marcus Weck

Synthesis and Liquid Crystalline Behavior of Bulky Poly(methacrylamide)s

DOI: 10.1002/pola.27774

Francesco Livi, Nimal S. Gobalasingham, Eva Bundgaard, and Barry C. Thompson

Influence of Functionality on Direct Arylation of Model Systems as a Route Toward Fluorinated Copolymers via Direct Arylation Polymerization (DARp)

DOI: 10.1002/pola.27728

Ao Chen, Idriss Blakey, Kevin S. Jack, Andrew K. Whittaker, and Hui Peng

Control Through Monomer Placement of Surface Properties and Morphology of Fluoromethacrylate Copolymers

DOI: 10.1002/pola.27731

Petra J. M. Bouten, Dietmar Hertsen, Maarten Vergaelen, Bryn D. Monnery, Saron Catak, Jan C. M. van Hest, Veronique Van Speybroeck, and Richard Hoogenboom

Synthesis of Poly(2-oxazolines) with Side Chain Methyl Ester Functionalities: Detailed Understanding of Living Copolymerization Behavior of Methyl Ester Containing Monomers with 2-alkyl-2-oxazolines

DOI: 10.1002/pola.27733

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