



3D-conjugated systems based on oligothiophenes and phosphorus nodes

Submitted by Emmanuel Lemoine on Tue, 02/04/2014 - 16:14

Titre	3D-conjugated systems based on oligothiophenes and phosphorus nodes
Type de publication	Article de revue
Auteur	Leriche, Philippe [1], Aillerie, David [2], Roquet, Sophie [3], Allain, Magali [4], Cravino, Antonio [5], Frère, Pierre [6], Roncali, Jean [7]
Type	Article scientifique dans une revue à comité de lecture
Année	2008
Langue	Anglais
Date	2008
Numéro	17
Pagination	3202 - 3207
Volume	6
Titre de la revue	Organic & Biomolecular Chemistry
ISSN	1477-0520 / 1477-0539
Résumé en anglais	3D-conjugated systems based on oligothiophene segments grafted on a phosphorus or on a phosphine oxide node have been synthesized. Under Stille coupling conditions, bromide terminated thienyl phosphine derivatives undergo a breaking of the phosphorus-carbon bond attributed to a ligand exchange with the Pd catalyst. The electronic properties of the new compounds have been analyzed by UV-vis and fluorescence spectroscopy and cyclic voltammetry.
URL de la notice	http://okina.univ-angers.fr/publications/ua2039 [8]
DOI	10.1039/b806169f [9]
Lien vers le document	http://dx.doi.org/10.1039/b806169f [9]

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