

# Accepted Manuscript

Synthesis of  $\pi$ -conjugated systems bearing thiophene and pyrrole heterocycles through palladium catalyzed cross-coupling reactions

M. Cidália R. Castro, M. Manuela M. Raposo



PII: S0040-4020(16)30116-8

DOI: [10.1016/j.tet.2016.02.054](https://doi.org/10.1016/j.tet.2016.02.054)

Reference: TET 27524

To appear in: *Tetrahedron*

Received Date: 18 December 2015

Revised Date: 18 February 2016

Accepted Date: 23 February 2016

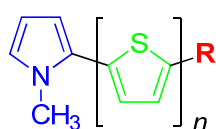
Please cite this article as: Castro MCR, Raposo MMM, Synthesis of  $\pi$ -conjugated systems bearing thiophene and pyrrole heterocycles through palladium catalyzed cross-coupling reactions, *Tetrahedron* (2016), doi: 10.1016/j.tet.2016.02.054.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

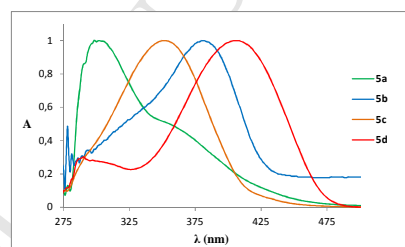
## GRAPHICAL ABSTRACT

**Synthesis of  $\pi$ -conjugated systems bearing thiophene and pyrrole heterocycles through palladium catalyzed cross-coupling reactions**

M. Cidália R. Castro, M. Manuela M. Raposo\*

*Center of Chemistry, University of Minho, Campus de Gualtar, 4710-057 Braga, Portugal*

**5a**  $n=1$ ,  $R=H$   
**5b**  $n=1$ ,  $R=CHO$   
**5c**  $n=2$ ,  $R=H$   
**5d**  $n=2$ ,  $R=CHO$



Download English Version:

<https://daneshyari.com/en/article/5213504>

Download Persian Version:

<https://daneshyari.com/article/5213504>

[Daneshyari.com](https://daneshyari.com)