

Products of the reaction of 9-nickelafluorenyllithium with iodine and different cyclopentadienyl-metal complexes.

Autorzy

P. Buchalski

Justyna Chmiel

P. Malesa

Lucjan B. Jerzykiewicz

Rok wydania

2009

Czasopismo

Inorganica Chimica Acta

Numer woluminu

362

Strony

3338-3342

DOI

10.1016/j.ica.2009.03.013

Kolekcja

Naukowa

Język

Angielski

Typ publikacji

Artykuł

Streszczenie

9-Nickelafluorenyllithium (**1**) reacted with iodine and then with various Cp_xM complexes ($Cp_x = Cp, Cp^*$, $M = Na, Mg, Li$) in different solvents. The products (π -allyl complexes), isolated from these reactions, were formed via addition of the biphenyl ligand to the Cp ring originally bonded to the Ni atom. Stereospecificity of the reactions depended on the used solvent. π -Allyl compounds **2**, **3** and **4** were characterized by X-ray single crystal analysis.

Słowa kluczowe

Nickel, Addition, π -Allyl complexes, Metallacyclic compounds

Adres publiczny

<https://doi.org/https://doi.org/10.1016/j.ica.2009.03.013>

Strona internetowa wydawcy

<http://www.elsevier.com>