



Stereoselective preparation of chiral compounds in Mannich-type reactions of a bicyclic imine and phenols or indole.

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Rok wydania

2014

Czasopismo

Tetrahedron Letters

Numer woluminu

55

Strony

6619-6622

DOI

10.1016/j.tetlet.2014.10.081

Kolekcja

Naukowa

Język

Angielski

Typ publikacji

Artykuł

Streszczenie

Mannich-type reactions of a chiral bicyclic imine and various nucleophiles yield the corresponding adducts with good to high diastereoselectivity. The influence of the reaction conditions on the yield and stereochemical outcome is investigated. The configuration of the products is established by ^1H NMR spectroscopy, and the major isomers of two adducts are characterized by X-ray crystallography.

Słowa kluczowe

Mannich reaction, Betti reaction, Bicyclic imines, Stereoselectivity

Adres publiczny

<http://dx.doi.org/10.1016/j.tetlet.2014.10.081>

Strona internetowa wydawcy

<http://www.elsevier.com>