

Wybrane publikacje

1. M. Chrzanowska
"L-Malic acid as chiral auxiliary and building block in the asymmetric synthesis of (S)-(-)-Crispine A"
Heterocycles, **106**, 1855-1865 (2023)
2. M. Chrzanowska, A. Grajewska, M. D. Rozwadowska
"Diastereoselective Synthesis of (-)-6,7-Dimethoxy-1,2,3,4-tetrahydroisoquinoline-1-carboxylic Acid via Morpholinone Derivatives"
Molecules, **28**, 3200 (2023)
3. A. Grajewska, M. Chrzanowska, W. Adamska
"Synthesis of new substituted 7,12-dihydro-6,12-methanodibenzo[c,f]azocine-5-carboxylic acids containing a tetracyclic tetrahydroisoquinoline core structure"
Beilstein J. Org. Chem., **17**, 2511-2519 (2021)
4. M. Chrzanowska, A. Dreas, Z. Meissner
"Asymmetric synthesis of 2,3-dimethoxy-8-oxoberbine, precursor of O-methylbharatamine"
Heterocycles, **99**, 1073-1085 (2019)
5. M. Chrzanowska, A. Grajewska, M. D. Rozwadowska
"Asymmetric synthesis of isoquinoline alkaloids: 2004-2015"
Chemical Reviews, **116**, 12369-12465 (2016)
6. Z. Meissner, M. Chrzanowska
"Enantiospecific synthesis of (S)-(-)-8-oxoxylopinine"
Tetrahedron: Asymmetry, **26**, 225-229 (2015)
7. I. Bułyszko, M. Chrzanowska, A. Grajewska, M. D. Rozwadowska
"Synthesis of (+)-6,7-dimethoxy-1,2,3,4-tetrahydroisoquinoline-1-carboxylic acid, a diastereoselective approach"
Eur. J. Org. Chem. 383-388 (2015)
8. M. Chrzanowska, Z. Meissner, J. M. Chrzanowska, A. K. Gzella
"Synthesis and crystal structure of (4S)-4-benzyl-3-(4,5-dimethoxy-2-methylbenzoyl)-2,2-dimethyl-1,3-oxazolidine"
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9. M. Chrzanowska, A. Grajewska, M. D. Rozwadowska
"Synthesis of Calycotomine and N-Methylcalycotomine using a Petasis Reaction – Pomeranz-Fritsch-Bobbitt Cyclisation Sequence"
Heterocycles, **86**, 1119-1127 (2012)

10. M. Chrzanowska, A. Grajewska, Z. Meissner, M. Rozwadowska, I. Wiatrowska
"A concise synthesis of tetrahydroisoquinoline-1-carboxylic acids using a Petasis reaction and Pomeranz-Fritsch-Bobbitt cyclization sequence"
Tetrahedron, **68**, 3092-3097 (2012)
11. M. Chrzanowska, A. Dreas
"Addition reaction of *o*-toluamides with chiral auxiliary derived from 2-amino-1,3-propanediols to imines"
Heterocycles, **69**, 303-310 (2006)
12. M. Chrzanowska, A. Dreas, M. D. Rozwadowska
"Synthesis of (*S*)-(-)- and (*R*)-(+)-*O*-methylbharatamine using a diastereoselective Pomeranz-Fritsch-Bobbitt methodology"
Tetrahedron: Asymmetry, **16**, 2954-2958 (2005)
13. M. Chrzanowska, M. D. Rozwadowska
"Asymmetric synthesis of isoquinoline alkaloids"
Chemical Reviews, **104**, 3341-3370 (2004)
14. M. Chrzanowska, A. Dreas
"The asymmetric synthesis of (*R*)-(+)- and (*S*)-(-)-*O*-methylbharatamine"
Tetrahedron: Asymmetry, **15**, 2561-2567 (2004)
15. M. Chrzanowska, A. Dreas, M. D. Rozwadowska
"Asymmetric synthesis of (*R*)-(+)- and (*S*)-(-)-2,3-methylenedioxy-8-oxoberbine (gusanlung D)"
Tetrahedron: Asymmetry, **15**, 1113-1120 (2004)
16. M. Chrzanowska
"Enantioselective addition of organometallic compounds to 3,4-dihydroisoquinoline in the presence of oxazoline derivatives: synthesis of (*R*)-(+)- and (*S*)-(-)-salsolidine"
Tetrahedron: Asymmetry, **13**, 2497-2500 (2002)
17. M. Chrzanowska, J. Sokołowska
"Enantioselective addition of organolithium reagents to 3,4-dihydroisoquinoline in the presence of (-)-sparteine as an external ligand. Application for the synthesis of isoquinoline alkaloids"
Tetrahedron: Asymmetry, **12**, 1435-1440 (2001)