

## RELACIÓN DE PUBLICACIONES

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AUTORES: Arroyo, Y.; Sanz-Tejedor, M.A.; Alonso, I.; García-Ruano, J.L.

TITULO: Synthesis of Optically Pure *vic*-Sulfanyl Amines Mediated by a Remote Sulfinyl Group.

REF. REVISTA: *Organic Letters*, 2011, 13, 4534-4537.

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AUTORES: García-Ruano, J.L.; Parra, A.; Alonso, I.; Fustero, S.; del Pozo, C.; Arroyo, Y.; Sanz-Tejedor, M.A.

TITULO: 2-(*p*-Tolylsulfinyl)benzyl Halides as Efficient Precursors of Optically Pure *trans*-2,3-disubstituted Aziridines.

REF. REVISTA: *Chemistry A European Journal*, 2011, 17, 6142-6147.

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AUTORES: Arroyo, Y.; Meana, A.; Sanz-Tejedor, M.A.; Alonso, I.; García-Ruano, J.L.

TITULO: 2-(*p*-Tolylsulfinyl)benzyl Halides as Efficient Precursors of Optically Pure *trans*-2,3-disubstituted Aziridines.

REF. REVISTA: *Chemistry A European Journal*, 2010, 16, 9874-9883.

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AUTORES: Arroyo, Y.; Meana, A.; Sanz-Tejedor, M.A.; Alonso, I.; García-Ruano, J.L.

TITULO: Stereoselective Addition of alpha-Methylsulfonyl Benzyl Carbanions to N-Sulfinylketimines: Asymmetric Synthesis of alpha, alpha-Dibranched beta-Sulfanyl Amines.

REF. REVISTA: *Journal of Organic Chemistry*, 2009, 74, 764-772.

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AUTORES: Arroyo, Y.; Meana, A.; Rodríguez, J.F.; Sanz-Tejedor, M.A.; Alonso, I.; García-Ruano, J.L.

TITULO: Stereoselective Control of Planar alpha-Dimethylsulfonium Benzyl Carbanions. Synthesis of Optically Pure *trans*-Aziridines.

REF. REVISTA: *Journal of Organic Chemistry*, 2009, 74, 4217-4224.

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AUTORES: Arroyo, Y.; Meana, A.; Sanz-Tejedor, M.A.; García-Ruano, J.L.

TITULO: Stereoselective Alkylidation of Ketones with 2-(*p*-toluenesulfinyl)benzyl iodide: Synthesis of Enantiomerically pure Trisubstituted Epoxides.

REF. REVISTA: *Organic Letters*, 2008, 10, 2151-2154.

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AUTORES: Arroyo, Y.; Rodríguez, J.F.; Santos, M.; Sanz-Tejedor, M.A.; García-Ruano, J.L.

TITULO: Asymmetric synthesis of beta-hydroxy sulfides controlled by remote sulfoxides.

REF. REVISTA: *Journal of Organic Chemistry*, 2007, 72, 1035-1038.

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AUTORES: Arroyo, Y.; Meana, A.; Rodríguez, J.F.; Santos, M.; Sanz-Tejedor, M.A.; García-Ruano, J.L.

TITULO: Optically pure *trans*-2,3-disubstituted N-sulfinyl aziridines. Regio- and stereoselective opening mediated by the sulfinyl group.

REF. REVISTA: *Tetrahedron*, 2006, 62, 8525-8532.

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AUTORES: Arroyo, Y.; Meana, A.; Rodríguez, J.F.; Santos, M.; Sanz-Tejedor, M.A.; García-Ruano, J.L.

TITULO: A new access to the synthesis of optically pure beta-amino sulfides.

REF. REVISTA: *Phosphorus Sulfur and Silicon and the Related Elements*, 2005, 180, 1491-1492.

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AUTORES: Arroyo, Y.; Meana, A.; Rodríguez, J.F.; Santos, M.; Sanz-Tejedor, M.A.; García-Ruano, J.L.

TITULO: Synthesis of optically pure 1,2-diaryl- and 1,2-alkylaryl-1,2-amino sulfides.

REF. REVISTA: *Journal of Organic Chemistry*, 2005, 70, 3914-3920.

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**AUTORES:** Arroyo, Y.; Rodríguez, J.F.; Santos, M.; Sanz-Tejedor, M.A.; Vaca, I.; García-Ruano, J.L.  
**TITULO:** Asymmetric synthesis of (3S,4R,5R)-4,5-dihydroxy-3-methyl-2,3,4,5-tetrahydropyridazine: a formal synthesis of 1-azagulofagomine analogues.  
**REF. REVISTA:** *Tetrahedron: Asymmetry*, 2004, 15, 1059-1063.

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**AUTORES:** Meana, A.; Rodríguez, J.F.; Sanz-Tejedor, M.A.; García-Ruano, J.L.  
**TITULO:** Efficient regioselective preparation of monobromo and bromoiodo hydroxy pyridines from dibromoderivatives via bromine-lithium exchange.  
**REF. REVISTA:** *Synlett*, 2003, 1678-1682.

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**AUTORES:** Arroyo, Y.; de Paz, M.; Rodríguez, J.F.; Sanz-Tejedor, M.A.; García-Ruano, J.L.  
**TITULO:** Diastereoselective Michael additions of N-boc-2-(tert-butyldimethylsiloxy)pyrrole to 2-(arylsulfinyl)-1,4-benzoquinones.  
**REF. REVISTA:** *Journal of Organic Chemistry*, 2002, 67, 5638-5643.

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**AUTORES:** Arroyo, Y.; Rodríguez, J.F.; Sanz-Tejedor, M.A.; Santos, M.  
**TITULO:** Synthesis and photooxygenation of 2-thifuran derivatives: a mild and direct access to O,S-dimethyl and O-methyl-S-phenyl thiomaleates.  
**REF. REVISTA:** *Tetrahedron Letters*, 2002, 43, 9129-9132.

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**AUTORES:** Santos, M.; Sanz-Tejedor, M.A.; Rodríguez, J.F.; Arroyo, Y.; López-Sastre, J.A.  
**TITULO:** Use of enantiomerically pure methylsulfinylmethylisoxazolines in the stereoselective synthesis of 1,5,6,7-tetrahydroxy-3-heptanone derivatives.  
**REF. REVISTA:** *Tetrahedron: Asymmetry*, 2002, 12, 3447-3456.

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**AUTORES:** Cañibano, V.; Rodríguez, J.F.; Santos, M.; Sanz-Tejedor, M.A.; Carreño, M.C.; González, G.; García-Ruano, J.L.  
**TITULO:** Mild regioselective halogenation of activated pyridines with N-bromosuccinimide.  
**REF. REVISTA:** *Synthesis-Stuttgart*, 2001, 2175-2179.

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**AUTORES:** Arribas, C.; Carreño, M.C.; García-Ruano, J.L.; Rodríguez, J.F.; Santos, M.; Sanz-Tejedor, M.A.  
**TITULO:** First asymmetric hetero Diels-Alder reaction of 1-sulfinyl dienes with nitroso derivatives. A new entry to the synthesis of optically pure 1,4-imino-1-ribitol derivatives.  
**REF. REVISTA:** *Organic Letters*, 2000, 2, 3165-3168.

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**AUTORES:** Arroyo, Y.; Rodríguez, J.F.; Santos, M.; Sanz-Tejedor, M.A.  
**TITULO:** A highly stereoselective synthesis of D-erythrose derivatives by one-carbon homologation of 2,3-O-isopropylidene-D-glyceraldehyde with (R)-methyl p-tolyl sulfoxide.  
**REF. REVISTA:** *Tetrahedron: Asymmetry*, 2000, 11, 789-796.

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**AUTORES:** Arroyo, Y; Carreno, MC; Ruano, JLG; Amo, JFR; Santos, M; Sanz-Tejedor, MA.  
**TITULO:** Synthesis and photooxygenation of (S)-p-tolylsulfinylfuran derivatives.  
**REF. REVISTA:** *Tetrahedron: Asymmetry*, 2000, 11, 1183-1191.

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**AUTORES:** López, J.A.; Martín, J.D.; Rodríguez, J.F.; Santos, M.; Sanz-Tejedor, M.A.  
**TITULO:** Stereoselective synthesis of 3-alkylsulfinylmethylisoxazolines and their use as chiral nucleophiles in the chain elongation of 2,3-O-isopropylidene-D-glyceraldehyde.  
**REF. REVISTA:** *Tetrahedron: Asymmetry*, 2000, 11, 4791-4803.

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**AUTORES:** Carreño, M.C.; García-Ruano, J.L.; Urbano, A.; Remor, C.Z.; Arroyo, Y.

**TITULO:** Diels-Alder reactions with 2-(Arylsulfinyl)-1,4-Benzoquinones: Effect of aryl substitution on reactivity, chemoselectivity and  $\pi$ -facial diastereoselectivity.

**REF. REVISTA/LIBRO:** *J. Org. Chem.* 2000, 65, 453-458.

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**AUTORES:** Arroyo, Y.; López, J.A.; Rodríguez, J.F.; Santos, M.; Sanz-Tejedor, M.A.

**TITULO:** Stereoselective preparation of O-alkoxy D-tetrose, D-pentose, 2-deoxy-D-glycero tetrose and 2,3-dideoxy-D-erythro pentose derivatives by an iterative elongation of 2,3-O-isopropylidene-D-glyceraldehyde.

**REF. REVISTA:** *Tetrahedron: Asymmetry*, 1999, 10, 973-990.

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**TITULO:** Stereoselective preparation of O-alkoxy D-tetrose, D-pentose, 2-deoxy-D-glycero tetrose and 2,3-dideoxy-D-erythro pentose derivatives by an iterative elongation of 2,3-O-isopropylidene-D-glyceraldehyde

**REF. REVISTA:** *Tetrahedron: Asymmetry*, 1999, 10, 2243-2243 (Corrigendum).

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**AUTORES:** Carreño, M.C.; García Ruano, J.L.; Urbano, A.; Remor, C.Z.; Arroyo, Y.

**TITULO:** On the mechanism and diastereoselectivity of 2,3-dihydrobenzofuran formation from sulfinylbenzoquinones and 2-trimethylsilylfurane.

**REF. REVISTA/LIBRO:** *Tetrahedron: Asymmetry*, 1999, 10, 4357-4367.

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