
Full list of publications

Reviews

1. F. López Ortiz, R. J. Carbajo, Applications of Polarization Transfer and Indirect Detection NMR Spectroscopic Methods Based on Phosphorus-31 in Organic and Organometallic Chemistry, *Current Org. Chem.* **2**, 97-130 (1998).
2. F. López Ortiz, J. García López, R. Álvarez Manzaneda, I. J. Pérez Álvarez, Isolable 1,2-Oxaphosphetanes. From Curiosities to Starting Materials for the Synthesis of Olefins, *Mini Rev. Org. Chem.*, **1**, 65-76 (2004)
3. F. López-Ortiz, The Chemistry of Phosphazenes. Synthetic Applications of C_α-Lithiated Derivatives, *Curr. Org. Synthesis*, **3**, 187-214 (2006).
4. F. López-Ortiz, M. J. Iglesias, I. Fernández, C. M. Andújar-Sánchez, G. Ruiz Gómez. Nucleophilic Dearomatizing (DNAr) Reactions of Aromatic C₆H₄-Systems. A Mature Paradigm in Organic Synthesis. *Chem. Rev.*, **107**, 1580-1691 (2007).

Books/Chapter of a Book

1. F. López Ortiz, NMR of Other Nuclei, J. Santoro (Ed.), Comité de Espectroscopia, SEDO: Madrid, Chapter 11, pp. 237-256 (2001). (Language: Spanish).
2. F. López-Ortiz, Spectroscopy of Other Nuclei in Advanced Course of Nuclear Magnetic Resonance, M. Bruix, J. Santoro (Eds.), NMR Specialised Group. Spanish Royal Society of Chemistry: Madrid, Chapter 13, pp. 211-227 (2005). (Language: Spanish).
3. F. López-Ortiz, I. Fernández, A. Fernández Gutiérrez, D. Arráez Román, Capilar Electrophoresis: Detection through nuclear magnetic resonance in Capilar Electrophoresis. Approximation via the Detection Technique, A. Fernández Gutiérrez (Ed.), Universidad de Granada: Granada, pp. 329-367 (2005). (Language: Spanish).

Patents

Inventors: G. Ruiz Gómez, I. Fernández, F. López Ortiz
Title: Compuestos antitumorales (antitumour compounds)
Ref. number: P200601793 Priority: Spain Date of priority: 03/07/06
Owner: Pharma Mar S.A.

Inventors: F. López Ortiz, I. Fernández, G. Ruiz Gómez, Víctor Yañez Rodríguez
Title: Antitumour compounds
Ref. number: PCT/ES2007/000398 Priority: World Date of priority: 03/07/07
Owner: Pharma Mar S.A.

Articles

1. J. Barluenga, F. López Ortiz, F. Palacios, V. Gotor. Reactions of Ketimines and Ethyl Phenylpropiolate. Synthesis of 4-oxodihydropyridines. *Synth. Commun.*, **13**, 411-417(1983)
2. J. Barluenga, L. Muñiz, F. López, F. Palacios, V. Gotor. Reaction of Schiff Bases with Acryl Esters (1). Synthesis of 2-Oxo- and 4-Oxotetrahydropyridines. *J. Heterocyclic Chem.*, **21**, 539-543 (1984)
3. J. Barluenga, F. López, F. Palacios. C-Alkylation of α -Lithiated Phosphine Imides. Synthesis and Reactivity of β -Enamino Phosphorus Derivatives. *J. Chem. Research*, (S) 211 (M) 2541-2561 (1985)
4. J. Barluenga, F. López, F. Palacios. A Simple Synthesis of 4-Aza- λ^5 -phosphinines from Z-1,5-Diaza-2 λ^5 -Phosphapenta-1,3-dienes and Dimethyl Acetilendicarboxilate. *J. Chem Soc., Chem. Commun.*, 1681-1682 (1985).
5. J. Barluenga, F. López, F. Palacios. A Simple Synthesis of 3H- λ^5 -Phosphole Derivatives from Alkyldiphenylphosphine Imines and Dimethyl Acetylendicarboxilate. *J. Chem Soc., Chem. Commun.*, 1574-1575 (1986).
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8. J. Barluenga, F. López, F. Palacios, F. Sánchez Ferrando. Mechanistic Aspects of the Reaction of some Phosponium Ylides with Alkyl Propynoates. *Tetrahedron Lett.*, **29**, 381-384 (1988).
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11. J. Barluenga, F. López, F. Palacios, F. H. Cano, M.C. Foces Foces. Reactivity and Chemoselectivity of Primary Z- β -Enamino- λ^5 -phosphazenes towards Electrophiles. *J. Chem. Soc., Perkin Trans. 1*, 2329-2334 (1988).
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23. J. Barluenga, R. Pérez Carlón, E. Peláez, J. Joglar, F. López Ortiz, S. Fustero. Synthesis and ^1H -NMR configurational Study of Δ^3 -Thiazolines from 2-Aza-1,3-dienes. *Tetrahedron*, **48**, 9745-9752 (1992).
24. J. Barluenga, R. Pérez Carlón, F. J. González, J. Joglar, F. López Ortiz, S. Fustero. A Simple Preparation of 1H-1,4-diazepine-7(6H)-thiones and their Ring Contraction to 1-Vinyl-2,3-dihydro-1H-imidazole-2-thiones by Thermal Rearrangement Reaction. *Bull. Soc. Chim. Fr.*, **129**, 566-578 (1992).
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28. J. Barluenga, A. Ballesteros, F. J. Santamaría, F. López Ortiz. Tandem Cycloaddition-Rearrangement of 2-Aza-1,3-dienes. A simple and Efficient Synthesis of 1*H*-1,4-Diazepine-7(6*H*)-thiones. *J. Chem. Soc., Chem. Commun.*, 321-322 (1994).
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