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Grupo de Investigación: MATERIALES ORGÁNICOS FUNCIONALES (Cod.: FQM367)

Departamento: Universidad Complutense de Madrid. Facultad de Ciencias Químicas

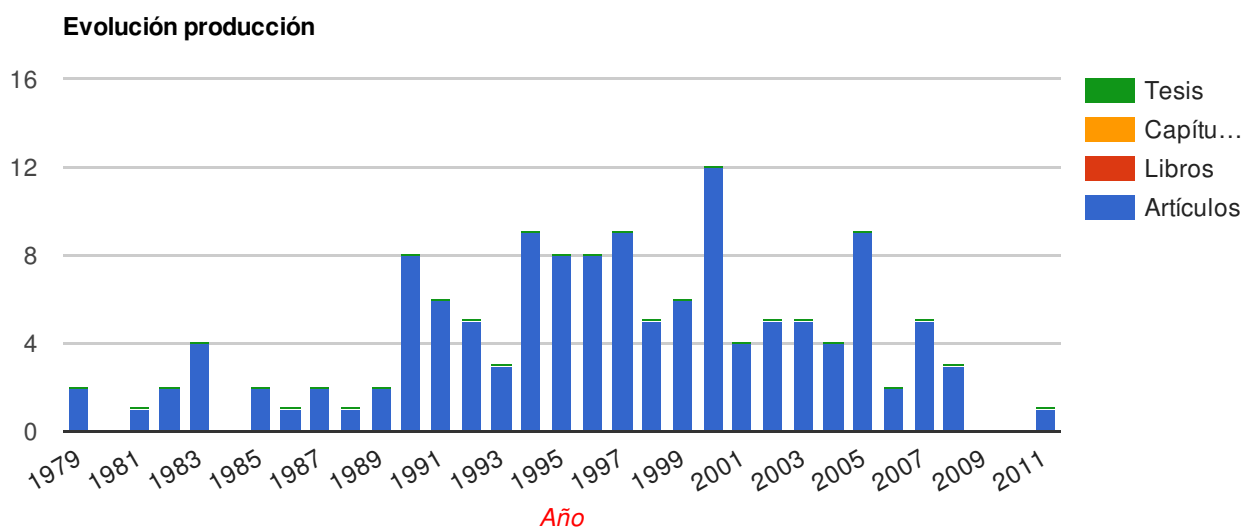
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Ficha del Directorio

Producción 134

Artículos (134) Libros (0) Capítulos de Libros (0) Tesis dirigidas (0)



Proyectos dirigidos 0

Proyectos (0) Contratos (0) Convenios (0)

Actividades 0

Titulo publicación	Fuente	Tipo	Fecha
On/off electrochemical switches based on quinone-bisketals.	Chemical communications	Articulo	2011
Sulfoxide-directed stereocontrolled access to 2h-chromans: total synthesis of the (s,r,r,r)-enantiomer of the antihypertensive drug nebivolol	European journal of organic chemistry	Articulo	2008
Synthesis of 4-aminotropones from [(sulfinyl or sulfonyl)methyl] substituted p-quinamines	Chemistry (weinheim. internet)	Articulo	2008
Towards configurationally stable [4]helicenes: enantioselective synthesis of 12-substituted 7,8-dihydro[4]helicene quinones	Chemistry (weinheim. internet)	Articulo	2008
Asymmetric synthesis of rubiginones a2 and c2 and their c-11 methoxy regioisomers.	Chemistry (weinheim. internet)	Articulo	2007
Direct stereocontrolled synthesis of polyoxygenated hydrobenzofurans and hydrobenzopyrans from p-peroxy quinols	Organic letters	Articulo	2007
Enantioselective synthesis of natural polyoxygenated cyclohexanes and cyclohexenes from [(p-tolylsulfinyl)methyl]-p-quinols	Chemistry (weinheim. internet)	Articulo	2007
Photoinduced conformational switch of enantiopure azobenzenes controlled by a sulfoxide	Journal of physics and chemistry of solids	Articulo	2007
Polysubstituted oxygen heterocycles by a reformatsky-type reaction/reductive cyclization approach from enantiopure beta-ketosulfoxides	Organic letters	Articulo	2007
General synthesis of 8-aryl-2-tetralones	Journal of organic chemistry	Articulo	2006
Oxidative de-aromatization of p-alkylphenols into p-peroxy quinols and p-quinols by oxone as a source of singlet oxygen	Angewandte chemie (international ed. print)	Articulo	2006
Conjugate additions of me2culi to enantiopure ζ -hydroxy- ζ -sulfinyl and sulfonyl pentenoates	Journal of organic chemistry	Articulo	2005
Efficient asymmetric synthesis of [7]helicene bisquinones	Chemical communications	Articulo	2005
Enantiopure sulfinyl azobenzenes as chiroptical switches	Organic letters	Articulo	2005
Enantioselective synthesis of (+)- and (-)-dihydroepiepoformin and (+)-epiepoformin	Organic letters	Articulo	2005
Oxidative de-aromatization of p-alkylphenols into p-peroxy quinols and p-quinols by oxone as a source of singlet oxygen	Organic letters	Articulo	2005
Recent advances in synthesis of angucyclines	Synlett	Articulo	2005
Ring expansion of sulfur substituted p-quinamines: regioselective synthesis of 4-aminotropones	Chemical communications	Articulo	2005
Ring selectivity in the na/etoh reduction of 1-aryl-7-methoxynaphthalenes	Synlett	Articulo	2005
Short asymmetric synthesis of (+) and (-)-lauthisan	Organic letters	Articulo	2005
Asymmetric synthesis of the tetrahydropyran ring, c32-c38 fragment, of phorboxazoles.	Organic letters	Articulo	2004
Enantioselective access to 2,7-cis-disubstituted oxepanes: formal synthesis of (+)-isolaurepan	Organic letters	Articulo	2004
Synthesis and trimethylaluminum additions on ζ -hydroxy- ζ -sulfinyl and sulfonyl enoates	Organic letters	Articulo	2004
Synthesis of azobenzenes from quinone acetals and arylhydrazines	Journal of organic chemistry	Articulo	2004
Enantiodivergent synthesis of methyl aryl carbinols by organometallic additions to (ss)-3,6-dimethoxy-(2-p-tolylsulfinyl)-benzaldehyde	Tetrahedron letters	Articulo	2003
From central to helical chirality: synthesis of (p) and (m) enantiomers of [5]helicenequinones and bisquinones from (ss)-2-(p-tolylsulfinyl)-1,4-benzoquinone	Chemistry (weinheim. internet)	Articulo	2003

Influence of diene substitution on diels-alder reactions between vinyl dihydronaphthalenes and (ss)-(2-p-tolylsulfinyl)-1,4-benzoquinone		Articulo	2003
Reductive cyclizations of hydroxysulfinylketones: enantioselective access to tetrahydropyran and tetrahydrofuran derivatives	Journal of organic chemistry	Articulo	2003
Stereoselective trimerization of [(s)r]-[(p-tolylsulfinyl)methyl]-p-quinols and p-quinamines	Organic letters	Articulo	2003
Divergent enantioselective synthesis of (p)- and (m)-dihydro-[5]-helicenequinones from a common tetrahydroaromatic precursor	Chemical communications	Articulo	2002
First enantioselective synthesis of (-)-centrolobine	Organic letters	Articulo	2002
First enantioselective total synthesis of angucyclinone-type antibiotics rubiginones a2 and c2.	Angewandte chemie (international ed. print)	Articulo	2002
Titanium-promoted stereoselective synthesis of hydroindolones from p-quinamines by domino conjugate additions.	Angewandte chemie (international ed. print)	Articulo	2002
γ -hydroxysulfoxides as chiral cyclic ketone equivalents: enantioselective synthesis of polysubstituted cyclohexanones, cyclohexenones and cyclohexanediones	Chemical communications	Articulo	2002
Enantiopure dihydro-[5]helicenequinones via diels-alder reactions of vinyl dihydrophenantrenes and (ss)-p-tolylsulfinyl-1,4-benzoquinone	Journal of physics and chemistry of solids	Articulo	2001
First asymmetric synthesis of dihydrobenzo[c]phenanthrenequinones with helical chirality	Chemical communications	Articulo	2001
Mild regioselective halogenation of activated pyridines with n-bromosuccinimide	Synthesis (la plata)	Articulo	2001
Stereoselective synthesis of heterocyclic cage compounds by domino conjugate additions	Chemistry (weinheim. internet)	Articulo	2001
Anodic oxidation of n-protected-4-methoxy anilines: improved synthesis of quinone imine acetals	Journal of organic chemistry	Articulo	2000
Diels-alder reactions with 2-(arylsulfinyl)-1,4-benzoquinones: effect of aryl substitution on the reactivity, chemoselectivity and γ -facial diastereoselectivity.	Journal of organic chemistry	Articulo	2000
Efficient synthesis of 4,4-disubstituted-3,4-dihydro-1h-2, 1, 3-benzothiadiazine 2,2-dioxides	Tetrahedron letters	Articulo	2000
Enantioselective diels-alder approach to c-3 oxygenated angucyclinones from (ss)-2-(p-tolylsulfinyl)-1,4-naphthoquinone.	Chemistry (weinheim. internet)	Articulo	2000
Enantioselective generation of benzylic centers mediated by a remote sulfoxide	Angewandte chemie (international ed. print)	Articulo	2000
Enantioselective synthesis of royleanone from sulfinylquinones	Chemistry (weinheim. internet)	Articulo	2000
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-l-ribitol derivatives	Organic letters	Articulo	2000
Regio- and stereoselectivity in diels-alder reactions of 1,2-disubstituted dienes with enantiopure (ss)-(p-tolylsulfinyl)-1,4-benzoquinones	Tetrahedron: asymmetry	Articulo	2000
Studies of chemoselectivity in diels-alder reactions of 2-(p-tolylsulfinyl)-1,4-benzoquinone and styrenes: formation of (p-tolylsulfinyl)-1,4-phenanthrenequinones	Tetrahedron letters	Articulo	2000
Studies of diastereoselectivity of diels-alder reactions of enantiopure (ss)-2-(p-tolylsulfinyl)-1,4-naphthoquinone with chiral racemic acyclic dienes	Journal of organic chemistry	Articulo	2000
Synthesis and photooxygenation of (s)-(p-tolylsulfinyl)-furan derivatives.	Tetrahedron: asymmetry	Articulo	2000
Synthesis of chiral 1- (and 2)-(p-tolylsulfinyl) 3-trimethylsilyloxybuta-1,3-dienes and their behaviour in diels-alder conjugate additions	Tetrahedron: asymmetry	Articulo	2000

cycloadditions.			
Asymmetric diels-alder reactions of 5-substituted and 5,6-disubstituted (s)-2-(p-tolylsulfinyl)-1,4-benzoquinones with cyclopentadiene and trans-piperylene.	Tetrahedron: asymmetry	Articulo	1999
Direct enantioselective approach to tetrahydroazolo[4,5-e]isoindoles from [(s)r]-1-aminosubstituted-4-(p-tolylsulfinyl)-1,3-butadienes	Tetrahedron: asymmetry	Articulo	1999
Direct synthesis of n-aryl quinone imine acetals and quinol imines from acetals	Angewandte chemie	Articulo	1999
Enantioselective approach to both enantiomers of helical bisquinones.	Journal of organic chemistry	Articulo	1999
On the mechanism and diastereoselectivity of 2,3-dihydrobenzofuran formation from sulfinylbenzoquinones and 2-trimethylsilyloxyfuran.	Tetrahedron: asymmetry	Articulo	1999
Short and efficient enantioselective synthesis of angucyclinone type antibiotics (+)-rubiginone b2 and (+)-ochromycinone.	Chemical communications	Articulo	1999
Enantioselective diels-alder cycloadditions with (ss)-2-p-tolylsulfinyl-1,4-naphthoquinone : efficient kinetic resolution of chiral racemic vinyl cyclohexenes.	Journal of organic chemistry	Articulo	1998
Enantioselective diels-alder reactions of chiral racemic acyclic dienes with (ss)-2-p-tolylsulfinyl-1,4-naphthoquinone	Tetrahedron: asymmetry	Articulo	1998
Enantioselective synthesis of (+)-(2r, 3s, 6r)-decastrictine I.	Journal of organic chemistry	Articulo	1998
Short enantioselective approach to substituted triazolopyridazines from [(s)r]-1-(1e,3e)-1-p-tolylsulfinyl-1,3-pentadiene	Tetrahedron letters	Articulo	1998
Studies of diastereoselectivity in conjugate addition of organoaluminum reagents to (r)-[p-tolylsulfinyl)methyl]quinols and derivatives.	Journal of organic chemistry	Articulo	1998
(s)s-2-p-toplylsulfinyl)-norborneno-p-benzoquinones: a new type of facially perturbed enantiopure quinones.	Journal of organic chemistry	Articulo	1997
Diels-alder reactions of [(s)r]-1-(1e,3e)-1-p-tolylsulfinyl-1,3-pentadiene with monosubstituted ethylenes.	Tetrahedron: asymmetry	Articulo	1997
Enantioselective diels-alder approach to angucyclinones from (s,s)-2-p-tolylsulfinyl-1,4-naphthoquinone and substituted racemic vinyl cyclohexenes.	Angewandte chemie (international ed. print)	Articulo	1997
Improved synthesis of 1,4-phenanthrenoquinones.	Tetrahedron letters	Articulo	1997
Nbs as a regioselective nuclear monobrominating reagent for phenols and naphthols	Synlett	Articulo	1997
Ortho-directed metalation in the regiocontrolled synthesis of enantiopure 2- and/or 3-substituted 2-p-tolylsulfinyl-p-benzoquinones.	Tetrahedron: asymmetry	Articulo	1997
Regiochemical control in asymmetric diels-alder cycloadditions of enantiopure (s)s-(p-tolylsulfinyl)-1,4-benzoquinones with dane's diene.	Tetrahedron letters	Articulo	1997
Sulfoxide mediated asymmetric synthesis of glycosidase inhibitor precursors.	Journal of organic chemistry	Articulo	1997
Facial diastereoselection in diels-alder reactions of (r)-4-p-tolylsulfinylmethylquinols.	Journal of organic chemistry	Articulo	1997
Diastereoselective uncatalyzed conjugate addition of organoaluminum reagents to (r)-p-(p-tolylsulfinylmethyl)quinols: efficient desymmetrization of the cyclohexadienone moiety.	Journal of organic chemistry	Articulo	1996
Diels-alder reactions of [(s)r]-1-(1e,3e)-1-p-tolylsulfinyl-1,3-pentadiene: the unexpected evolution of maleic anhydride adducts.	Tetrahedron: asymmetry	Articulo	1996
Influence of the sulfinyl group on the chemo- and facial selectivity of diels-alder reactions of (s)-2-p-tolylsulfinyl-1,4-	Journal of organic chemistry	Articulo	1996

benzoquinone.			
Mild and regiospecific nuclear iodination of methoxybenzenes and naphthalenes with n-iodosuccinimide in acetonitrile.	Tetrahedron letters	Articulo	1996
Remote regiocontrol by a thioether group in diels-alder reactions of naphthazarin: regioselective access to tetracyclic polyhydroxyquinones.	Journal of organic chemistry	Articulo	1996
Studies of diastereoselectivity in diels-alder reactions of (s)-4a,5,8,8a-tetrahydro-5,8-methano-2-p-tolylsulfinyl-1,4-naphthoquinones with cyclopentadiene.	Journal of organic chemistry	Articulo	1996
Synthesis and diels-alder reactions of n-(tert-butoxycarbonyl)-3-p-tolylsulfinyl-1-benzoquinone-4-imine.	Tetrahedron letters	Articulo	1996
The sulfinyl group as chiral inductor in asymmetric diels-alder reactions.	Pure and applied chemistry	Articulo	1996
A horner-wadsworth-emmons approach to [(s)-4-substituted 1-p-tolylsulfinyl-1,3-dienes.	Tetrahedron: asymmetry	Articulo	1995
Applications of sulfoxides to asymmetric synthesis of biologically active compounds	Chemical reviews	Articulo	1995
Asymmetric synthesis of 2-cyclohexenols: the examples of seudenol and analogues.	Tetrahedron: asymmetry	Articulo	1995
N-bromosuccinimide in acetonitrile: a mild and regiospecific nuclear brominating reagent for methoxybenzenes and naphthalenes.	Journal of organic chemistry	Articulo	1995
Short and efficient synthesis of (r)-4-hydroxy-4-methyl cyclohexenone.	Tetrahedron letters	Articulo	1995
Stereoselective functionalization of n-boc pyroaminoadipic acid: synthesis of 5-substituted aminoadipic and pipercolic acids.	Tetrahedron letters	Articulo	1995
Synthesis and diels-alder reactions of (r)-4-hydroxy-p-tolylsulfinylmethyl-2,5-cyclohexadienone	Tetrahedron letters	Articulo	1995
Synthesis of enantiomerically pure 4-substituted glutamic acids and prolines: general aldol reaction of pyroglutamate lactam lithium enolate mediated by Et_2BF_3	Journal of organic chemistry	Articulo	1995
Asymmetric synthesis of both enantiomers of 2,5-hexanediol and 2,6-heptanediol monitored by chiral sulfoxides.	Tetrahedron letters	Articulo	1994
Control of the ring selectivity in diels-alder reactions of naphthazarins mediated by sulfur functions.	Tetrahedron letters	Articulo	1994
Diels-alder reactions of sulfinyldienes with an endocyclic double bond: the unexpected evolution of n-methyl maleimide adducts.	Tetrahedron: asymmetry	Articulo	1994
Esteroselectividad de la adición de reactivos de aluminio y de magnesio a (s)-2-p-tolilsulfinilciclohexanonas	Anales de química	Articulo	1994
First diels-alder reactions of enantiomerically pure 1-p-tolylsulfinyl dienes: straightforward access to cyclohexenols through tandem cycloaddition/[2,3]-sigmatropic rearrangement	Journal of organic chemistry	Articulo	1994
Highly chemoselective reduction of n-boc protected lactames.	Tetrahedron letters	Articulo	1994
Stereoselective hydride reductions of chiral 2-p-tolylsulfinylcycloalkanones	Tetrahedron	Articulo	1994
Synthesis and diels-alder reactions of (s)-3-chloro and 3-ethyl-2-p-tolylsulfinyl-p-benzoquinone	Tetrahedron letters	Articulo	1994
Tautomeric equilibrium of naphthazarin thioderivatives	Tetrahedron	Articulo	1994
Catalytic activity of chiral α -hydroxysulfoxides in the enantioselective addition of diethylzinc to benzaldehyde.	Tetrahedron: asymmetry	Articulo	1993
Stereochemistry of nucleophilic epoxidation of (s)-p-tolylsulfonyl-2-cyclohexenol and o-derivatives.	Tetrahedron letters	Articulo	1993
Stereoselective additions of AlMe_3 to chiral acyclic α -keto sulfoxides	Tetrahedron	Articulo	1993

KETOSULFOXIDES.			
1,3-asymmetric induction in the reduction of α -alkyl α,α -ketosulfoxides with dibal/znbr ₂ .	Tetrahedron letters	Articulo	1992
Asymmetric diels-alder reactions of (s)-2-p-tolylsulfinyl-1,4-naphthoquinones.	Journal of organic chemistry	Articulo	1992
Behaviour of 2-p-tolylsulfinylcyclohexanols under the pummerer reaction conditions.	Tetrahedron: asymmetry	Articulo	1992
Synthesis of enantiomerically pure 4-substituted (1z,3e)-1-((r)-p-tolylsulfinyl)-2-t-butyl dimethylsilyloxy-1,3-butadienes.	Tetrahedron letters	Articulo	1992
Synthesis of optically active p-tolylsulfinylquinones.	Synthesis (la plata)	Articulo	1992
(s,s)-bis-p-tolylsulfinylmethane and carbonyl compounds: reactivity and asymmetric induction.	Tetrahedron letters	Articulo	1991
Asymmetric synthesis of (s)-zearealenone dimethyl ether; an orsellinic acid type macrolide.	Journal of organic chemistry	Articulo	1991
General synthesis of chiral 2-ptolylsulfinylquinones.	Tetrahedron	Articulo	1991
Reactions of chiral 2-p-tolylsulfinylcycloalkanones with alme ₃	Tetrahedron letters	Articulo	1991
Short and efficient synthesis of optically active 4-substituted-(1e,3e)-(r)-1-(p-tolylsulfinyl)-1,3-butadienes.	Synthesis (la plata)	Articulo	1991
Synthesis and hydride reductions of chiral cyclic α,α -iminosulfoxides	Tetrahedron	Articulo	1991
Asymmetric synthesis of (r) and (s)-4-hydroxy-2-cyclohexenone and derivatives	Tetrahedron letters	Articulo	1990
Asymmetric synthesis of orsellinic acid type macrolides: the example of lasiodiplodin.	Tetrahedron: asymmetry	Articulo	1990
Concerning mass spectra of α,α -heterosubstituted thioethers.	Organic mass spectrometry	Articulo	1990
Conformational analysis of 1-y, 2-z-cyclohexanes (y=oh, ome, f, cl, br and i; z=sme, some and so ₂ me): study of the z/y gauche interactions	Tetrahedron	Articulo	1990
Estereoselectividad de la aminación reductora de 2-metilsulfenil y 2-metilsulfonilciclohexanona. síntesis de cis-2-tioderivados de ciclohexilamina.	Anales de química	Articulo	1990
Influencia del grupo sulfinilo sobre la selectividad de las reacciones de diels-alder.	Revista de la real academia de ciencias exactas, físicas y naturales	Articulo	1990
Stereoselective reductions of 2-keto sulfoxides with hydrides.	Journal of organic chemistry	Articulo	1990
Síntesis de trans-2-s-ciclohexilaminas (s=sme, some y so ₂ me) y de sus n-metil y n,n-dimetil derivados.	Anales de química	Articulo	1990
Synthesis and asymmetric diels-alder reactions of (s)-2-p-tolylsulfinyl-1,4-benzoquinone.	Tetrahedron letters	Articulo	1989
Synthesis of chiral 2-p-tolylsulfinyl ketones	Journal of the chemical society. perkin transactions. i	Articulo	1989
Mecanismo de la reducción estereoselectiva de α,α -cetosulfoxidos.	Revista de la real academia de ciencias exactas, físicas y naturales de madrid	Articulo	1988
Studies on the stereoselectivity of hydride reductions on 2-(methylthio) and 2-(methylsulfonyl) cyclohexanones.	Journal of organic chemistry	Articulo	1987
Synthesis and reduction of chiral sulfinyl cyclohexanones.	Tetrahedron letters	Articulo	1987
Estereoquímica de compuestos orgánicos de azufre. parte xix. empleo del grupo t-butilo para "fijar"; conformaciones en sistemas acíclicos.	Anales de química	Articulo	1986
Polycyclic hydroxyquinones. part 15. cycloaddition of dienols to functionalized quinones: synthesis of anthracyclinone precursors.	Journal of chemical research	Articulo	1985
Stereospecific synthesis of thiazolidine-2-thiones.	Heterocvcles	Articulo	1985

Stereochemical synthesis of thiazolane 2-thiones	References	Article	Year
Estereoquímica de compuestos orgánicos de azufre. x. inducción asimétrica de los diastereómeros de 1(y 2)-fenil-2-(metilsulfinil) etanol y o-derivados	Anales de química	Artículo	1983
Hidroxiquinonas policíclicas xii. síntesis de hidroxiquinonas tetracíclicas por cicloadición con dienoles generados térmicamente	Anales de química	Artículo	1983
Reacciones de tioles con mono- y bis acetales de p-benzoquinona	Anales de química	Artículo	1983
Stereochemistry of organic sulphur compounds. a conformational study of some 2-thioderivatives of n-phenyl-1-phenylethylamine.	Journal of the chemical society. perkin transactions. ii	Artículo	1983
Estereoquímica de compuestos orgánicos de azufre. ix. estudio teórico de la estabilidad conformacional de 2-metilsulfinil-1-etanol por cnd0/2	Anales de química	Artículo	1982
Hidroxiquinonas policíclicas. síntesis de hidroxiquinonas tetracíclicas por cicloadición de fotoenoles a naftazarina	Anales de química	Artículo	1982
Further studies on diels-alder reactions of 4,4-dialkoxycyclohexadien-1-ones with unsymmetrically substituted dienes.	Journal of chemical research	Artículo	1981
Regioselectivity and stereoselectivity in diels-alder reactions of 4,4-dialkoxycyclohexa-2,5-dien-1-ones.	Journal of chemical research	Artículo	1979
Synthesis of tetracyclic hydroxyquinones by cycloaddition reactions with dienols	Tetrahedron letters	Artículo	1979

	Titulo proyecto	Tipo	Inicio	Fin
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Actividades 0

Titulo actividad	Fuente	Tipo	Fecha
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Colaboradores

- ANDRES PARRA SANCHEZ (1)
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- MARIA LUISA MARCOS LAGUNA (1)
- NOELIA FUENTES ROMERO (1)