

SCIFINDER SCHOLAR

Cómo acceder



The screenshot shows the website interface for the Biblioteca Complutense Ciencias Químicas. At the top, there is a navigation bar with the university logo, the name 'Universidad Complutense Madrid', and 'Biblioteca Complutense Ciencias Químicas'. On the right, there are language and accessibility options: '[English]', 'A A A+', and 'T'. Below this is a main navigation menu with icons for 'Inicio/Buscar', 'Servicios', 'Bibliotecas', 'Colección Digital', and 'Ayuda'. A secondary menu lists various resource types: 'Libros y más', 'Artículos', 'Revistas', 'Bases de datos', 'Eprints', 'Bibliografías', and 'Otros recursos'. A search bar is prominently displayed with a 'Buscar' button. Below the search bar, there are radio buttons for 'Catálogo Cisne' and 'Todos los recursos'. The main content area is divided into several sections. On the left, a sidebar lists 'Recursos electrónicos' (circled in blue), 'Buscar todo (Summon)', 'Préstamo Interbibliotecario', 'Acceso remoto', 'Guías y Tutoriales', 'Cursos de Formación', 'Préstamo', 'Libros electrónicos', 'Sugerencias', 'Visita virtual', and 'Investigación', 'Exposiciones'. The central area features a 'BlogQuímia' section with a sub-header 'La Biblioteca Informa'. It contains a post titled 'Novedades de la base de datos Scifinder (septiembre 2012)' with a thumbnail image of a Scifinder interface and a text description. Below this are three news items: 'Jornadas de Bienvenida de la Biblioteca de Químicas', 'Programa Horizon 2020: ayudas europeas para la investigación y la innovación', and '¿Quieres ganar un iPad?, participa en el Concurso del Chemical Abstracts Service (CAS)'. A 'Más...' link is provided. At the bottom of the central area is a 'Noticias' section with a tweet from 'QuiBucUcm' about redecorating a house with a periodic table table. The right sidebar contains a 'AVISOS' section, followed by 'Información', 'Bibliografías', 'Pregúntanos', and 'Mi Cuenta'. Below these are service links: 'Facultad de Ciencias Químicas', 'Wifi: red inalámbrica', 'Red Privada Virtual (VPN)', 'Gestores bibliográficos', 'Tabla periódica', and 'Boletín de Nuevas Adquisiciones'. At the bottom right, there is a '¿Tienes dudas?' section with a chat status indicator: 'Ahora el chat está desconectado. Nuestros'.



Selección de recursos electrónicos de interés para los químicos

Cómo acceder a los recursos electrónicos desde fuera del campus de la UCM

- ▶ WEB OF KNOWLEDGE
- ▶ Acceso a los demás recursos electrónicos.

Nota: En caso de que siguiendo los procedimientos explicados en estos documentos no pueda acceder a los recursos electrónicos contacte con la Biblioteca.

Bases de datos

- ▶ SCIFINDER SCHOLAR (Conectarse): Licencia de Campus
- ▶ Cómo registrarse en Scifinder Scholar
- ▶ SCIFINDER SCHOLAR (Registrarse)
- ▶ WEB OF KNOWLEDGE
- ▶ ChemSpider (por cortesía de la RSC)
- ▶ PubMed
- ▶ FSTA Direct: food science and technology abstracts
- ▶ Food Science
- ▶ Westlaw

Libros electrónicos

- ▶ RSC e-book collection: gratuito primer capítulo.
- ▶ Elsevier:
 - Listado de libros-e suscritos con acceso perpetuo.
 - Science Direct eBook Collection: 1293 libros electrónicos accesibles a texto completo que abarcan distintas áreas del conocimiento
- ▶ Safari Books On-Line: más de 8.000 libros electrónicos.
- ▶ Fichas Internacionales Seguridad Química FISQ Instituto Nacional de Seguridad e Higiene en el Trabajo. Ministerio de Trabajo e Inmigración. Gobierno de España.
- ▶ Springer Book Safari: 27 series de libros

Revistas electrónicas

- ▶ ACS:
 - ▶ Acceso a las revistas electrónicas de la ACS: 40 títulos desde 1996.
 - ▶ Listado de revistas electrónicas de la ACS suscritas por la UCM para el año 2012.
- ▶ Wiley Online Library.
- ▶ Taylor & Francis.
- ▶ SCIENCE DIRECT (Grupo Elsevier): 1995/1996-
- ▶ Revistas de SPRINGER: 1.700 títulos desde 1997-
- ▶ PNAS desde 1915.

JCR (versión PDF) 1979-

JCR 1979- . Pinchar la opción +Info en la parte izquierda de la página.

Revistas electrónicas en prueba

- ▶ Karger: 80 revistas especializadas en Biomedicina de la Editorial Karger. En prueba hasta el 31 de Diciembre de 2012.
- ▶ Localización de artículos digitales con DOI System
- ▶ Catalysis Science & Technology (RSC)
- ▶ RSC Advances
- ▶ Toxicology Research (RSC)
- ▶ Biomaterials Science (RSC)
- ▶ Science Report (Revista digital CEDEPAP TV)

Artículos de Revistas

SciFinder[®] The choice for chemistry research.™

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Your SciFinder username and password are assigned to you alone and may not be shared with anyone else.

What is SciFinder?

SciFinder is a research discovery tool that allows you to explore the CAS databases containing literature from many scientific disciplines including biomedical sciences, chemistry, engineering, materials science, agricultural science, and more!

Welcome to SciFinder!

New SciFinder Features Help Increase Your Productivity

The latest SciFinder update improves precision and evaluation of reaction answer sets and new SciPlanner import and export options allow you to more easily collaborate with other SciFinder users.

To learn more about these enhancements, visit [What's New in SciFinder](#).

Enter Your Guess in the 70 Millionth Substance Contest

The CAS REGISTRY database is quickly approaching 70 million substances. Think you know exactly when we'll reach this milestone? Enter your guess in our 70 Millionth Substance Contest at www.cas.org.

Daily Reaction Updates Now in SciFinder

The most frequently updated reaction content available just got better. New single- and multi-step reactions and synthetic preparations are now added to SciFinder daily!

To learn more about our reaction content, visit [CAS Reaction](#)

[About SciFinder](#) | [SciFinder Support and Training](#) | [CAS Databases](#)

CAS is a division of the American Chemical Society

Contenido:

Referencias bibliográficas (artículos, conferencias, patentes, reports, etc.) + abstracts + acceso a texto completo para revistas contratadas por la UCM.

Bases de datos que incluye:


CAplus SM	CAS REGISTRY SM	CASREACT [®]	CHEMCATS [®]	CHEMLIST [®]	MEDLINE [®]	MARPAT [®]
<ul style="list-style-type: none"> • >32M bibliographic records • >10,000 journals covered • Patents from 60 patent offices • Updated daily (~3K daily) • Links to almost 300 publishers and 3 patent offices • Literature back to early 1800s • Cited articles from 1997 onward 	<ul style="list-style-type: none"> • 55M small molecules • >62M sequences • Updated daily (>12K daily) • Substances reported comprehensively in literature 1957- • Includes nomenclature, spectra, and properties (experimental and predicted) 	<ul style="list-style-type: none"> • 38.8M single and multi-step reactions • Extracted from patents and journal articles • Updated weekly (~30K weekly) • Reactions back to 1840 • Reaction conditions starting in 2003 	<ul style="list-style-type: none"> • 41M comm. available chemicals • >1100 suppliers • >1200 chemical catalogs • Updated when new or revised catalogs are available • Contact/ordering information including quantity and pricing (when available) 	<ul style="list-style-type: none"> • >280K inventoried / regulated substances • >100 inventories & regulated lists from 1979 to present • Updated weekly (~50 additions) • Contains regulatory requirements for substances • REACH I 	<ul style="list-style-type: none"> • >17M bibliographic records • 4,800 biomedical journals • Updated 4 times per week • 1949 -1966 from OLDMEDLINE database 	<ul style="list-style-type: none"> • >800K searchable Markush Structures • >330K patents covered since 1961 • Updated daily with 60-75 patents including Markush Structures • INPI data included from 1961-87

Actualización: Diaria Licencia de Campus.

Requisitos de acceso:

Registro previo en la base de datos → cuenta de correo electrónico institucional

Pestañas de búsqueda



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[Explore Substances](#)
[Explore Reactions](#)

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[SciPlanner](#) | [Preferences](#)
[What's New](#)

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Explore References

Research Topic Research Topic

Author Name

Company Name

Document Identifier

Journal

Patent

Tags

Examples:
The effect of antibiotic residues on dairy products
Photocyanation of aromatic compounds

Ingresar criterio de búsqueda: Electrophilic fluorination of aromatic compounds

Publication Year(s)

Examples: 1995, 1995-1999, 1995-, -1995

Document Type(s)

<input type="checkbox"/> Biography	<input type="checkbox"/> Dissertation	<input type="checkbox"/> Patent
<input type="checkbox"/> Book	<input type="checkbox"/> Editorial	<input type="checkbox"/> Preprint
<input type="checkbox"/> Clinical Trial	<input type="checkbox"/> Historical	<input type="checkbox"/> Report
<input type="checkbox"/> Commentary	<input type="checkbox"/> Journal	<input type="checkbox"/> Review
<input type="checkbox"/> Conference	<input type="checkbox"/> Letter	

Language(s)

<input type="checkbox"/> Chinese	<input type="checkbox"/> German	<input type="checkbox"/> Polish
<input type="checkbox"/> English	<input type="checkbox"/> Italian	<input type="checkbox"/> Russian
<input type="checkbox"/> French	<input type="checkbox"/> Japanese	<input type="checkbox"/> Spanish

Author Name

Last * First Middle

Company Name

Examples:
Minnesota Mining and Manufacturing
DuPont

Saved Answer Sets

Treatment of lynch cancer with Msh2
fourier
T13AI
phase transformations T13AL
polimeros
nanowires
quantitative analytic chemistry
kinetic methods
TRACE ANALYSIS oligoelementos
- analisis
electroanalysis biosensors
Autosaved Reference Set

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Keep Me Posted Results

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Add KMP Alert Research Topic "electrophilic fluorination of ..."

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Research Topic Candidates

5 Topics 0 Selected

Select All Deselect All

Research Topic Candidates	References
<input type="checkbox"/> 5 references were found containing "electrophilic fluorination of aromatic compounds" as entered.	5
<input type="checkbox"/> 73 references were found containing the two concepts "electrophilic fluorination" and "aromatic compounds" closely associated with one another.	73
<input type="checkbox"/> 138 references were found where the two concepts "electrophilic fluorination" and "aromatic compounds" were present anywhere in the reference.	138
<input type="checkbox"/> 895 references were found containing the concept "electrophilic fluorination".	895
<input type="checkbox"/> 544859 references were found containing the concept "aromatic compounds".	544859

Get References

Similares

En cualquier parte

Se puede seleccionar uno o más candidatos. Hacer clic en Get References.

SciFinder®

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What's New

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Se han encontrado
73 referencias

electrophilic fluorination of ... > references (73)

Información adicional sobre los resultados pasando el ratón por la ruta de navegación.

73 References 0 Selected

Sort by: Accession Number

Select All Deselect All

1. Reduction of diphenylacetylene with lithium naphthalenide

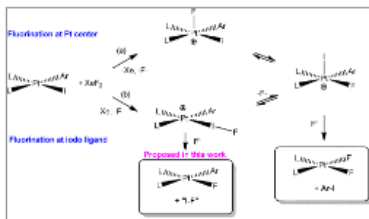
By Li, Shuhong; Li, Liangchun; Xu, Caihong
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2. Electrophilic Fluorination of Organoplatinum(II) Iodides: Iodine and Platinum Atoms as Competing Fluorination Sites

By Dubinsky-Davidchik, Ina S.; Potash, Shay; Goldberg, Israel; Vignalok, Arkadi; Vedernikov, Andrei N.
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Diphosphine Pt(II) **aryl** iodo complexes were reacted with XeF₂ to cleanly produce the corresponding Pt(II) difluoro complexes and free iodoarenes. However, when **aryl** ligands bearing fluoro substituents in the ortho positions were used, the formation of the corresponding Pt(II) **aryl** fluoro complexes was obsd. in the reaction with XeF₂. In the case of the Pt-C6F₅ complex, the products of the fluoride-for-iodide exchange were the only products obsd. by ³¹P and ¹⁹F NMR spectroscopy. The exptl. and theor. studies suggest that the formation of I-F bond may accompany this transformation. The plaus...



3. Direct trifluoro-methoxylation of aromatics with perfluoro-methyl-hypofluorite

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The reactivity of CF₃OF (FTM) has been widely studied esp. in halogenated olefinic systems and its use in pharmaceutical synthesis as a mild radical and **electrophilic fluorinating** agent is well documented. On the other hand, the chem. behavior of the perfluoromethyl hypofluorite with **arom.** substrates is much less studied. Up to now few and scattered data regarding its use as **electrophilic fluorinating** agent of variously substituted **arom. compds.** are found in the literature. In this work the reactivity of CF₃OF with simple electron rich and electron poor **aroms.** (a,a,a-trifluorotoluene, toluene...

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Reactions of 1-fluoro-4-chloromethyl-1,4-diazoniabicyclo[2.2.2]octane bis(tetrafluoroborate) (F-TEDA-BF₄) with phenol, acetanilide, and their derivs., resorcinol, 1- and 2-naphthols, and 6-methoxyquinoline, were studied in water. In some cases, the **fluorination** of **arom. compds.** in water proceeds more selectively than when using org. solvents.

Banks Ronald Eric	3
Besheesh Mohamed Khalifa	3
Borodkin G I	3
Rozen Shlomo	3
Shubin V G	3
Barton Derek H R	2
Borodkin Gennady I	2
Chambers Richard D	2
Druelinger Melvin	2
Fischer C	2

Show More

Categorize

More detailed analysis based on CAS indexing

Categorize

Las palabras que coinciden con los criterios de búsqueda aparecen resaltadas.

ANÁLISIS DE LAS REFERENCIAS: ANALYZE

The screenshot shows the SciFinder interface with the 'Analyze by' dropdown menu open. The 'Author Name' option is selected, and a list of authors is displayed on the right. A blue arrow points to the 'Author Name' option in the dropdown menu. A blue box at the bottom contains the text: 'Muestra todos los autores, empresas, etc.'

Analysis **Refine**

Analyze by: **Author Name**

- Author Name
- CAS Registry Number
- CA Section Title
- Company-Organization Database
- Document Type
- Index Term
- CA Concept Heading
- Journal Name
- Language
- Publication Year
- Supplementary Terms

Shubin V G 3

Barton Derek H R 2

Borodkin Gennady I 2

Chambers Richard D 2

Druelinger Melvin 2

Fischer C 2

Show More

Author Name

Click bar to view only those references within the current answer set

Banks Ronald Eric 3

Besheesh Mohamed Khalifa 3

Borodkin G I 3

Rozen Shlomo 3

Shubin V G 3

Barton Derek H R 2

Borodkin Gennady I 2

Chambers Richard D 2

Druelinger Melvin 2

Fischer C 2

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Categorize

More detailed analysis based on CAS indexing

Categorize

Analiza las referencias. Por defecto por nombre de autor, pero se puede seleccionar cualquiera de las opciones del desplegable.

Muestra todos los autores, empresas, etc.

CATEGORIZE

SciFinder®

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Research Topic "electrophilic fluorination of ..." > references (73)

References

73 References

Sort by: Accession

Select All Deselect All

1. Reduction
By Li, Shuhong; Li, Huaxue
From Huaxue Tongshun
The reduction of tetraphenyl-2,3,4,5-tetrafluorobenzene with electrophilic fluorinating agents

2. Electrophilic fluorination of aromatic compounds by the reagent F-TEDA-BF₄ in water

3. Direct trifluoromethylation of aromatic compounds by the reagent F-TEDA-BF₄ in water

4. Environmentally friendly fluorination of aromatic compounds by the reagent F-TEDA-BF₄ in water

5. Microwave-assisted electrophilic fluorination of aromatics in formic acid

Explore References | Explore Substances | Explore Reactions

Saved Answer Sets | KMP Alert Results | SciPlanner | Help | History | Preference | What's New

Categorize

1. Select a heading and category.

Category Heading	Category	Index Terms	Selected Terms
All	Substances (1231) Topics (84)		
General chemistry			
Synthetic chemistry			
Technology			
Physical chemistry			
Biotechnology			
Catalysis			
Biology			
Environmental chemistry			
Analytical chemistry			
Genetics & protein chemistry			

2. Select index terms of interest.

OK Cancel

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Analysis | Refine

Analyze by: Author Name

Click bar to view only those references within the current answer set

Banks Ronald Eric	3
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Fischer C	2

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Categorize

More detailed analysis based on CAS indexing

Categorize

Recopila todos los encabezados de índice asociados con las referencias del listado de resultados y luego los clasifica en encabezados de categoría predefinidos

La opción Categorize permite evaluar el Conjunto de los resultados.

REFINE

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Add KMP Alert Research Topic "electrophilic fluorination of ..." > references (73)

References Get Substances Get Reactions Get Related Tools Send to SciPlanner

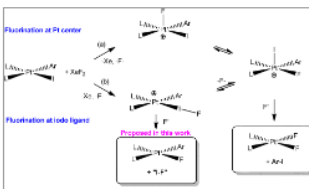
73 References 0 Selected Save Print Export

Sort by: Accession Number

Select All Deselect All Display: [icon]

1. **Reduction of diphenylacetylene with lithium naphthalenide: a useful reaction for construction of n-electron systems** [Full Text](#)
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Analysis Refine

Refine by: Research Topic Author Name Company Name Document Type Publication Year Language Database

Research Topic

Examples:

The effect of antibiotic residues on dairy products

Photocyanation of aromatic compounds

Refine


Refina los resultados de la búsqueda por distintos campos. El más utilizado "Research Topic".

REFINE

The screenshot displays the SciFinder interface with search results for 'fluorination of aromatic compounds'. The 'Refine' panel on the right is highlighted, showing the 'Research Topic' filter set to 'green chemistry' and the 'Publication Year(s)' filter set to '2010'. The search results list several articles, including 'Environmentally friendly fluorination of aromatic compounds by the reagent F-TEDA-BF4 in water' and 'Fluorination of activated aromatic systems with Selectfluor F-TEDA-BF4 in ionic liquids'.

Refina los resultados de la búsqueda por distintos campos. El más utilizado "Research Topic".

ORDENAR REFERENCIAS



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[Saved Answer Sets](#)
[Help](#)

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[Add KMP Alert](#) Research Topic "ELECTROPHILIC FLUORINATION OF ..." > [references \(73\)](#)

References [Get Substances](#)

73 References 0 Selected

Sort by: Accession Number

Select All

- Accession Number
- Author Name
- Citing References
- Publication Year
- Title

De manera predeterminada el listado se ordena por **Número de registro** en orden descendente. En el desplegable se puede seleccionar un parámetro de **ORDEN** diferente.

Save Print Export

Page [20] 1 2 3 4

Display: ≡

1. Electrophilic Fluorination of Aromatic Compounds | Language: Chinese, Database: CAPLUS

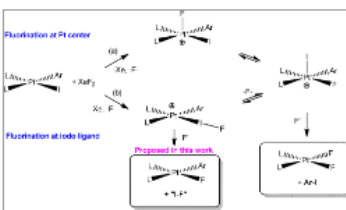
ethylene with lithium naphthalenide produces two kinds of intermediates, 1,2-dilithio-1,2-diphenylethene (1) or 1,4-dilithio-1,2,3,4-tetraphenyl-1,3-butadiene (2), depending on the ratio of diphenylacetylene to lithium naphthalenide. A series of n-electron systems' **compds.**, including 2,3,4,5-tetra-Ph silole derivs., polyaryl substituted ethylene/diene derivs., and partially **fluorinated arom.** acenes were synthesized by reaction of various **electrophiles** with the corresponding intermediates, 1 or 2, produced in situ. All these new **compds.** were characterized, and the single...

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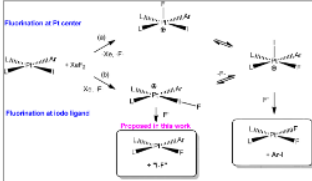
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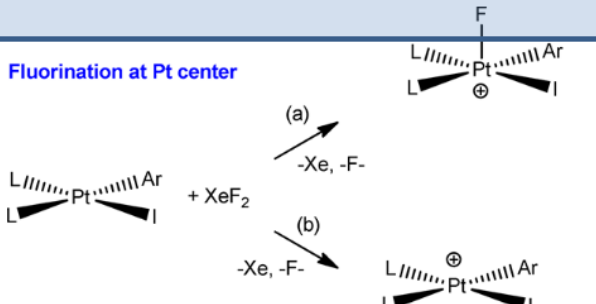
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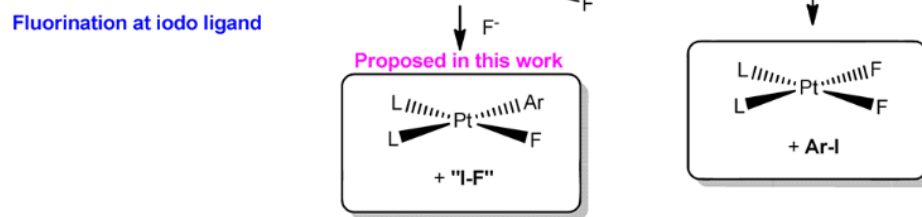
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Fluorination at Pt center



Fluorination at iodo ligand



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Concepts

Metallacycles

Pt complexes; **electrophilic fluorination** of organoplatinum(II) iodides to give difluoro Pt complexes via competing **fluorination** sites of iodine and platinum atoms

Physical, engineering or chemical process; Properties; Reactant; Synthetic preparation; Preparation; Process; Reactant or reagent

Total energy

electronic; **electrophilic fluorination** of organoplatinum(II) iodides to give difluoro Pt complexes via competing **fluorination** sites of iodine and platinum atoms

Activation energy Free energy
Potential energy surface Transition state structure

electrophilic fluorination of organoplatinum(II) iodides to give difluoro Pt complexes via competing **fluorination** sites of iodine and platinum atoms

Supplementary Terms

arylpalladium iodide prepn **electrophilic fluorination** fluoroxyenon reagent; fluoroaryl diphosphine platinum iodide complex prepn crystal structure **fluorination**; mol structure fluoroaryl diphosphine platinum iodide complex

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-X =R
[] 1-4 Cl
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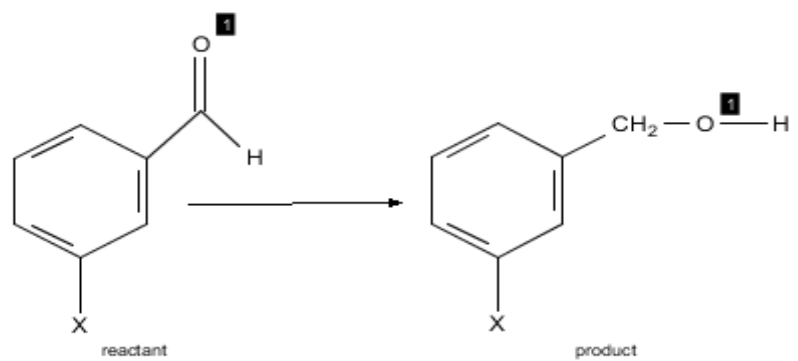
The screenshot displays the 'Reaction Editor' software interface. A yellow tooltip at the top left reads: 'Click a reaction participant. A list of roles appears. Click a reaction role and click OK.' In the main workspace, a chemical reaction is shown with a reactant (a benzene ring with an 'X' substituent) and a product (an alkene with a hydroxymethyl group). A red box highlights the reaction icon (A → B) in the left toolbar, with a red arrow pointing to a 'Reaction Roles' dialog box. The dialog box contains the following text: 'Select a role for the structure fragment:' followed by radio button options: 'product', 'reactant' (which is selected), 'reagent', 'reactant/reagent', and 'any role'. At the bottom of the dialog are 'OK' and 'Cancel' buttons. On the right side of the interface, the 'Drawing Editor' panel has radio buttons for 'Structure', 'Reaction' (selected), and 'Markush'. Below it, the 'Get reactions where the structure(s) are:' panel has radio buttons for 'Variable only at the specified positions' and 'Substructures of more complex structures' (selected). At the bottom of the window, there is a 'Scale' control set to 100 and a status bar that says 'Formula not available'.

Se establecen las condiciones de la reacción, con la ayuda de las herramientas situadas a la izquierda del editor.

The image shows a screenshot of the SciFinder web application interface. The main window is titled "Reaction Editor - reaccion.cxf" and displays a chemical reaction scheme. The reactant is a benzene ring with a substituent 'X' and an aldehyde group (-CHO). The product is a benzene ring with a substituent 'X' and a primary alcohol group (-CH₂-OH). A green box highlights the aldehyde group in the reactant, and a blue box highlights the primary alcohol group in the product. A blue arrow points from the aldehyde group to the primary alcohol group, indicating the reaction. A 'Functional Groups' dialog box is open, showing a list of functional groups with 'Aldehyde' selected. The dialog box also displays the chemical structure of an aldehyde: $C-CH=O$. The dialog box has a 'Close' button and a 'Terms displayed' section with radio buttons for 'All', 'Class Terms', 'Rings', and 'Non-rings'. The 'All' option is selected. The dialog box also has 'Aceptar' and 'Cancelar' buttons. The SciFinder interface includes a search bar, navigation tabs, and a sidebar with various options like 'Solvent(s)', 'Non-participating Functional Group(s)', 'Number of Steps', and 'Classification(s)'. The browser window shows the URL <https://scifinder.cas.org/scifinder/view/scifinder/scifinderExplore.jsf> and the Windows taskbar at the bottom.



Draw or change atoms or bonds. Shortcut Keys



Aldehyde
reactant
ALCOHOLS
product

alchc
ketof
alder

ALCOHOLS C H O S N P Cl Br F I Si Scale 100

Drawing Editor:

- Structure
- Reaction
- Markush

Get reactions where the structure(s) are:

- Variable only at the specified positions
- Substructures of more complex structures

Acceptar

Cancelar

Volvemos al editor y pinchamos en “search”

SciFinder - Explore Reactions

SciFinder®

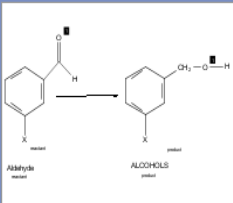
Welcome Esther Escriche | Sign Out

Explore References | Explore Substances | Explore Reactions

Saved Answer Sets | Help | KMP Alert Results | History | SciPlanner | Preferences | What's New

Explore Reactions

Reaction Structure | Reaction Structure



Aldehyde | ALCOHOLS

Click image to change structure or view detail

Search type: Allow variability only as specified
 Substructure

Solvent(s)

Non-participating Functional Group(s)

Number of Steps
Examples: 1, 1-3, 1-, -3

Classification(s)

<input type="checkbox"/> Biotransformation	<input type="checkbox"/> Electrochemical	<input type="checkbox"/> Radiochemical
<input type="checkbox"/> Catalyzed	<input type="checkbox"/> Gas-phase	<input type="checkbox"/> Regioselective
<input type="checkbox"/> Chemoselective	<input type="checkbox"/> Non-catalyzed	<input type="checkbox"/> Stereoselective
<input type="checkbox"/> Combinatorial	<input type="checkbox"/> Photochemical	

Saved Answer Sets

- Research Disclosure
- Grzybowski
- colorectal cancer
- Atti
- 138480
- Kroto
- garcia_esther
- Miller_stanley
- prueba_1
- flavonoids
- Autosaved Reference Set

View All

Keep Me Posted Results

No profiles exist

Se obtienen los resultados de búsqueda. Al igual que en la búsqueda por sustancias se puede limitar por “Analyze” o “Refine”

The screenshot shows the SciFinder interface with the following elements:

- Search Bar:** "SciFinder - Reaction Answer Set" with a search input field.
- Results Summary:** "1308 Reactions 0 Selected".
- Grouping and Sorting:** "Group by: No Grouping" and "Sort by: Accession Number". A dropdown menu is open over "Group by", showing options: "No Grouping", "Document", and "Transformation".
- Chemical Structure:** A chemical structure of a substituted benzene ring with a bromine atom (Br) and a formyl group (CHO).
- Reaction Details:** "1. View Reaction Detail" section showing reaction steps: "1.1 R:NaBH₄, S:EtOH, S:CH₂Cl₂, 3 h, rt" and "1.2 R:NH₄Cl, S:H₂O, rt".
- References:** "Photoinduced Energy and Electron Transfer in Phenylethynyl-Bridged Zinc Porphyrin-Oligoethynylenevinylene-C60 Ensembles" by Urbani, Maxence et al. From Chemistry--A European Journal, 18(24), 7473-7485, S7473/1-S7473/39; 2012.
- Refinement Panel:** "Analysis Refine" section with "Analyze by:" dropdown and a list of catalysts with their counts: Pd(PPh₃)₄ (112), 95464-05-4 (61), Pd(OAc)₂ (55), Pd (53), (Ph₂P)₂-ferrocene (26), H₂SO₄ (23), PPh₃ (22), 564483-18-7 (18), DMSO (15), Pd₂(dba)₃ (12).

•Y, podemos ver las referencias asociadas a esas reacciones desde “Group by” o “Transformation” que permite:

Evaluar rápidamente las opciones de síntesis y las rutas de síntesis favoritas agrupando las reacciones de una etapa por tipo de transformación.

Utilizar esta opción permite clasificar rápidamente cientos de tipos de reacciones de transformación.

Al cambiar de opción, aparecen distintas formas de limitar

Analysis Refine

Analyze by: ⓘ

Catalyst

- Author Name
- Catalyst**
- Company-Organization
- Document Type
- Experimental Procedure
- Journal Name
- Language
- Number of Steps
- Product Yield
- Publication Year
- Solvent

(Ph ₂ P) ₂ -ferrocene	26
H ₂ SO ₄	23
PPh ₃	22
564483-18-7	18
DMSO	15
Pd ₂ (dba) ₃	12

Show More

Analysis **Refine**

Refine by: ⓘ

- Reaction Structure
- Product Yield
- Number of Steps
- Reaction Classification
- Excluding Reaction Classification
- Non-participating functional groups

Reaction Classification(s):

- Biotransformation
- Catalyzed
- Chemoselective
- Combinatorial
- Electrochemical
- Gas-phase
- Non-catalyzed
- Photochemical
- Radiochemical
- Regioselective
- Stereoselective

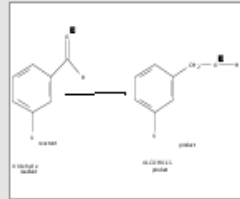
Refine

Analysis **Refine**

Refine by: ⓘ

- Reaction Structure
- Product Yield
- Number of Steps
- Reaction Classification
- Excluding Reaction Classification
- Non-participating functional groups

Reaction Structure:



Click image to change structure or view detail

Search type: **Substructure**

Refine