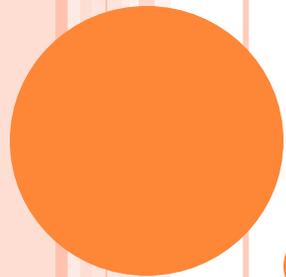


**Biblioteca Complutense
Ciencias Físicas**



SciFinder Scholar

Biblioteca de CC. Físicas



SCIFINDER

- ❖ Base de datos de la American Chemical Society, recoge información desde 1907
- ❖ Analiza más de 10.000 revistas especializadas y recoge patentes de 63 oficinas.
- ❖ Tiene un catálogo de más de 70 millones de productos comerciales

SCIFINDER

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 coveredPatents from 60 patent officesUpdated daily (~3K daily)Links to almost 300 publishers and 3 patent officesLiterature back to early 1800sCited articles from 1997 onward	<ul style="list-style-type: none">55M small molecules>62M sequencesUpdated 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 reactionsExtracted from patents and journal articlesUpdated weekly (~30K weekly)Reactions back to 1840Reaction conditions starting in 2003	<ul style="list-style-type: none">41M comm. available chemicals>1100 suppliers>1200 chemical catalogsUpdated when new or revised catalogs are availableContact/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 presentUpdated weekly (~50 additions)Contains regulatory requirements for substancesREACH I	<ul style="list-style-type: none">>17M bibliographic records4,800 biomedical journalsUpdated 4 times per week1949 - 1966 from OLDMEDLINE database	<ul style="list-style-type: none">>800K searchable Markush Structures>330K patents covered since 1961Updated daily with 60-75 patents including Markush StructuresINPI 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

CONTENIDO DE SCIFINDER

Physics

4.9 million references



Approximately 23% of the CAS database content focuses on physics.

The following list is but a small sample of the rich selection of physics topics that one can find in the CAS databases:

- surface chemistry and colloids
- electric phenomena
- mass spectroscopy
- crystallography and liquid crystals
- thermodynamics
- thermal properties
- nuclear phenomena
- magnetic phenomena

Materials Sciences

2.0 million references



Approximately 10% of the document references in the CAS databases focus on material sciences.

The following list is but a small sample of the rich selection of material science topics that one can find in the CAS databases:

- nuclear technology
- ceramics
- extractive metallurgy
- plastics fabrication and uses
- ferrous metals and alloys
- nonferrous metals and alloys
- cement, concrete, and related building materials
- physical properties of synthetic high polymers

COMO REGISTRARSE

PARA CONSULTAR SciFinder ES NECESARIO REGISTRARSE PRIMERO Y HACERLO DESDE EL CAMPUS

Universidad Complutense Madrid | Biblioteca Complutense | Catálogo Cisne UCM - AECID

Inicio | Servicios | Bibliotecas | Ayuda

COMENZAR | GUARDAR EN MIS LISTAS | GUARDAR | MARC | MODIFICAR | SIMILARES

(Historial de búsqueda)

PALABRA CLAVE: (SCIFINDER) and d:(en línea) | UCM-Bases de datos | Buscar

Mostrar sólo títulos con ejemplares disponibles
Encontrado 1 registro. Ordenado por fecha.

Documentos electrónicos

- Acceso restringido a usuarios de la UCM. Es necesario registrarse. Véase "Descripción del recurso"

Título SciFinder Scholar [Recurso electrónico]
Publicación Columbus, Ohio: American Chemical Society, cop. 2005-

Fondos | Más detalles | Documentos relacionados | Más información

Acceso al documento

Acceso restringido a usuarios de la UCM. Es necesario registrarse. Véase "Descripción del recurso" | Cobertura disponible: 1907- | Descripción

FAVORITOS | Valora este documento | Enlace permanente a este registro

QR code

Solicitar préstamo interbibliotecario

Buscar artículos en:

- Revistas españolas
- Revistas extranjeras
- Google Académico

Otros catálogos:

- WorldCat
- Rebiun
- Exportar a Refworks

bibtip Quienes vieron esta obra también consultaron:

En el registro en Cisne de SciFinder accedemos a **Descripción**

COMO REGISTRARSE

Tenemos un enlace para acceder la página de registro

SciFinder Scholar

Nombre del recurso	SciFinder Scholar	
Materia	Química	
Descripción	Base datos de química que permite búsquedas por reacciones químicas (aproximadamente 6,2 millones de reacciones), información química comercial, información química homologada y links a revistas electrónicas y patentes. Incluye SciFinder Substructure Module (SSM)	
Cobertura	1907-	
Tipo de recurso	Portal	
Formato del recurso	pdf; html	
Información de acceso	Es necesario registrarse la primera vez para acceder. También es necesario disponer de una cuenta de correo-e de la UCM: registrarse aquí 	
Ayuda al usuario	Instrucciones para registrarse	
Disponible desde	Interior y exterior del campus	
Restringido a	Profesores, investigadores, estudiantes matriculados y personal de la UCM	
Usuarios simultáneos	Ilimitados	
Usos permitidos	(I) Realizar búsquedas con fines académicos. (II) Guardar hasta 5.000 registros de forma electrónica. (III) Compartir una cantidad razonable de resultados de las búsquedas sólo con otros usuarios autorizados. (IV) Para registrarse como usuario es necesario disponer de una cuenta de correo-e de la UCM. (V) El usuario y la contraseña individuales son confidenciales y no pueden compartirse con ninguna persona. (VI) Bajo ninguna circunstancia está permitida la redistribución de datos a terceras partes, ni para uso comercial ni de ninguna otra forma que suponga explotación comercial de los datos obtenidos a través de SciFinder	
Usos no permitidos	(I) Distribuir, vender, prestar o transferir por cualquier otro medio los datos de la base a terceros así como cualquier uso con fines comerciales. (II) No se podrá utilizar ningún programa para extraer, descargar o recuperar datos de forma sistemática	
Método de autenticación	Desde el campus mediante dirección IP; desde el exterior mediante nombre y apellidos, DNI, NIE o pasaporte y pin	
Documentos incluidos en este recurso	Fondos	Acceso al documento
SciFinder Scholar [Recurso electrónico]	Cobertura disponible: 1907-	Acceso restringido a usuarios de la UCM. Es necesario registrarse. Véase "Descripción del recurso"

COMO REGISTRARSE

Accederemos a la página de registro y seguiremos las instrucciones. Una vez rellenados los datos, recibiremos un email, en nuestra cuenta de correo electrónico de la Universidad, para confirmar el registro. Desde ese momento ya podremos trabajar con **SciFinder**. El registro se debe hacer en el campus pero después ya podremos acceder desde casa



Registration Information

Please provide the following information:
(**bold*** = required)

Contact Information

First Name*:

Last Name*:

Email*:

Confirm Email*:

Phone Number:

Fax Number:

Area of Research:

Job Title:

Username and Password

Username*: [Tips](#)

Password*:

Re-enter Password*:

Security Information

Security Question*:

Answer*: [Why?](#)

COMO ACCEDER

Pinchamos en el enlace de Acceso

The screenshot shows the 'Catálogo Cisne UCM - AECID' interface. At the top left is the UCM logo and name. The main header includes 'Biblioteca Complutense' and 'Catálogo Cisne UCM - AECID'. Navigation links for 'Inicio', 'Servicios', 'Bibliotecas', and 'Ayuda' are on the right. Below the header are buttons for 'COMENZAR', 'GUARDAR EN MIS LISTAS', 'GUARDAR', 'MARC', 'MODIFICAR', and 'SIMILARES'. A search bar contains '(SCIFINDER) and d:(en línea)' and 'UCM-Bases de datos'. A search button is labeled 'Buscar'. Below the search bar, it says 'Encontrado 1 registro. Ordenado por fecha'. The main content area shows a search result for 'SciFinder Scholar [Recurso electrónico]'. The title is 'SciFinder Scholar [Recurso electrónico]' and the publication is 'Columbus, Ohio: American Chemical Society, cop. 2005-'. There are tabs for 'Fondos', 'Más detalles', 'Documentos relacionados', and 'Más información'. A red arrow points to the 'Acceso al documento' section, which contains the text: 'Acceso restringido a usuarios de la UCM. Es necesario registrarse. Véase "Descripción del recurso"'. To the right of this text is a 'Descripción' link. Below the main content are buttons for 'FAVORITOS', 'Valora este documento', and 'Enlace permanente a este registro'. A QR code is also present. On the right side, there is a sidebar with 'Ampliar' options, including 'Otros recursos', 'Solicitar préstamo interbibliotecario', 'Buscar artículos en:' (with sub-options for 'Revistas españolas', 'Revistas extranjeras', and 'Google Académico'), 'Otros catálogos:' (with sub-options for 'WorldCat' and 'Rebiun'), and 'Exportar a Refworks'.

COMO ACCEDER

Introducimos nombre de usuario y contraseña para acceder

SciFinder® The choice for chemistry research.™

Sign In

Username:

Password:

NEW Remember me for a week unless I sign out
(Do not use on a shared computer)

[Forgot Username or Password?](#)

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

Welcome to SciFinder!

Watch Part 1 of Our New Science in the News Podcast Series on Natural Product Chemistry

Our first Science in the News podcast series is all about natural product chemistry. [Watch part 1 now](#) and stay tuned for more Science in the News podcasts coming soon!

Important Message for Macintosh Users

Oracle has released a new version of Java that restores the structure drawing editor in SciFinder for Mac 10.7 (Lion) and 10.8 (Mountain Lion) customers. If you are a 10.7 or 10.8 customer experiencing problems with the structure drawing editor, we recommend you install Java 7, Update 13 available on the Oracle website at <http://java.com>.

Apple released Update 12 for Java 6 that restores the structure drawing editor for Mac 10.6 (Snow Leopard) customers. If you are a 10.6 customer experiencing problems with the structure drawing editor, we recommend that you install Java 6, Update 12 available on the Apple website at <http://support.apple.com/kb/DL1573>.

For more information, please contact the CAS Customer Center.

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

CAS is a division of the American Chemical Society

PÁGINA DE BÚSQUEDAS

The image shows the SciFinder search interface. At the top left is the SciFinder logo. The top right navigation bar includes links for 'Preferences', 'SciFinder Help', and 'Sign Out', along with a 'Welcome Miguel Rodriguez' message. Below this is a main navigation bar with tabs for 'Explore', 'Saved Searches', and 'SciPlanner'. The 'Explore' tab is selected, and an orange arrow points from a callout box to it. The left sidebar contains three main categories: 'REFERENCES' (with sub-items: Research Topic, Author Name, Company Name, Document Identifier, Journal, Patent, Tags), 'SUBSTANCES' (with sub-items: Chemical Structure, Markush, Molecular Formula, Property, Substance Identifier), and 'REACTIONS' (with sub-item: Reaction Structure). The main content area is titled 'REFERENCES: RESEARCH TOPIC' and features a search input field, a 'Search' button, and an 'Advanced Search' link. Below the search field are two example queries: 'The effect of antibiotic residues on dairy products' and 'Photocyanation of aromatic compounds'. On the right side, there are two panels: 'SAVED ANSWER SETS' (indicating no saved sets) and 'KEEP ME POSTED' (indicating no profiles).

SciFinder®

Preferences | SciFinder Help | Sign Out

Welcome Miguel Rodriguez

Explore | Saved Searches | SciPlanner

REFERENCES

- Research Topic
- Author Name
- Company Name
- Document Identifier
- Journal
- Patent
- Tags

SUBSTANCES

- Chemical Structure
- Markush
- Molecular Formula
- Property
- Substance Identifier

REACTIONS

- Reaction Structure

REFERENCES: RESEARCH TOPIC

Search

Advanced Search

SAVED ANSWER SETS

You have no saved answer sets.

Learn how to:
[Create Saved Answer Sets](#)

Import

KEEP ME POSTED

You have no profiles.

Learn how to:
[Create Keep Me Posted](#)

Pestaña para hacer búsquedas

BÚSQUEDAS GUARDADAS

SciFinder

Preferences | SciFinder Help | Sign Out

Welcome Miguel Rodriguez

Explore | **Saved Searches** | SciPlanner

SAVED ANSWER SETS

Combine Answer Sets

SAVED SEARCHES

0 of 2 Reference Answer Sets Selected

References (2) | Substances (0) | Reactions (0)

Search Name	References	Substances	Reactions	Actions	Created
Superconductores (19158) Research Topic "superconductors and electric structure" > references (19158)	2	0	0	Edit Link	Saved Mar 7, 2014
búsqueda de prueba (19125) Research Topic "superconductors and electric structure" > references (19125)	2	0	0	Edit Link	Saved Feb 24, 2014

Pestaña para consultar búsquedas guardadas en sesiones anteriores

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ES 9:24 06/03/2015

COMBINAR BÚSQUEDAS

The screenshot shows the SciFinder website interface. At the top, there is a navigation bar with the SciFinder logo on the left and links for "Preferences", "SciFinder Help", and "Sign Out" on the right. Below the navigation bar, there is a secondary bar with tabs for "Explore", "Saved Searches", and "SciPlanner". The "SciPlanner" tab is highlighted with an orange arrow pointing to it from a callout box. The callout box contains the text "Pestaña para combinar búsquedas".

Below the navigation bar, there is a sidebar on the left with three main sections: "REFERENCES", "SUBSTANCES", and "REACTIONS". Each section has a list of sub-items. The "REFERENCES" section includes: Research Topic, Author Name, Company Name, Document Identifier, Journal, Patent, and Tags. The "SUBSTANCES" section includes: Chemical Structure, Markush, Molecular Formula, Property, and Substance Identifier. The "REACTIONS" section includes: Reaction Structure.

The main content area is titled "REFERENCES: RESEARCH TOPIC" and features a search input field. Below the input field, there are examples of search terms: "The effect of antibiotic residues on dairy products" and "Photocyanation of aromatic compounds". A blue "Search" button is located below the examples, and a link for "Advanced Search" is positioned below the "Search" button.

On the right side of the main content area, there are two panels. The first panel is titled "SAVED ANSWER SETS" and contains the text "You have no saved answer sets." followed by a link "Learn how to: Create Saved Answer Sets" and an "Import" button. The second panel is titled "KEEP ME POSTED" and contains the text "You have no profiles." followed by a link "Learn how to: Create Keep Me Posted".

PÁGINA DE BÚSQUEDAS

Podemos buscar referencias

SciFinder®

Preferences | SciFinder Help | Sign Out

Welcome Miguel Rodriguez

Explore | Saved Searches | SciPlanner

REFERENCES

- Research Topic
- Author Name
- Company Name
- Document Identifier
- Journal
- Patent
- Tags

SUBSTANCES

- Chemical Structure
- Markush
- Molecular Formula
- Property
- Substance Identifier

REACTIONS

- Reaction Structure

REFERENCES: RESEARCH TOPIC

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

Search

Advanced Search

SAVED ANSWER SETS

You have no saved answer sets.

Learn how to:
[Create Saved Answer Sets](#)

Import

KEEP ME POSTED

You have no profiles.

Learn how to:
[Create Keep Me Posted](#)

Podemos buscar sustancias químicas

Podemos buscar reacciones químicas

BÚSQUEDA

Búsqueda de referencias bibliográficas en la pestaña “References”

Welcome Miguel Rodriguez

Explore ▾ Saved Searches ▾ SciPlanner

REFERENCES

- Research Topic
- Author Name
- Company Name
- Document Identifier
- Journal
- Patent
- Tags

SUBSTANCES

- Chemical Structure
- Markush
- Molecular Formula
- Property
- Substance Identifier

REACTIONS

- Reaction Structure

REFERENCES: RESEARCH TOPIC ?

electrophilic fluorination of aromatic compounds

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

Search

Escibimos el criterio de búsqueda que será una frase en inglés natural: Electrophilic fluorination in aromatic compounds

[Advanced Search](#)

SAVED ANSWER SETS ?

You have no saved answer sets.

Learn how to:
[Create Saved Answer Sets](#)

[Import](#)

KEEP ME POSTED ?

You have no profiles.

Learn how to:
[Create Keep Me Posted](#)

l i m i t a d o r e s

Publication Years

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

Document Types

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

Languages

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

Author

Last Name * First Middle

Company

Examples:
Minnesota Mining and Manufacturing

Para restringir la búsqueda se pueden establecer unos límites, desde ADVANCED SEARCH

BÚSQUEDA



Preferences | SciFinder Help | [Sign Out](#)

Welcome Miguel Rodriguez

Explore ▾

Saved Searches ▾

SciPlanner

Research Topic "electrophilic fluorination of ..."

REFERENCES ?

Select All Deselect All

2 of 5 Research Topic Candidates Selected

References

<input checked="" type="checkbox"/>	5 references were found containing "electrophilic fluorination of aromatic compounds" as entered.	5
<input checked="" type="checkbox"/>	75 references were found containing the two concepts "electrophilic fluorination" and "aromatic compounds" closely associated with one another.	75
<input type="checkbox"/>	144 references were found where the two concepts "electrophilic fluorination" and "aromatic compounds" were present anywhere in the reference.	144
<input type="checkbox"/>	982 references were found containing the concept "electrophilic fluorination".	982
<input type="checkbox"/>	599727 references were found containing the concept "aromatic compounds".	599727

Get References

Seleccionamos uno o varios candidatos

Antes de recuperar las referencias, Scifinder reúne en un listado una serie de "candidatos" que coinciden con las palabras empleadas en la búsqueda

BÚSQUEDA



Preferences | SciFinder Help ▼ [Sign Out](#)

Welcome Miguel Rodriguez

Explore ▼

Saved Searches ▼

SciPlanner

Research Topic "electrophilic fluorination of ..."

REFERENCES ?

Select All Deselect All

2 of 5 Research Topic Candidates Selected

References

<input checked="" type="checkbox"/>	5 references were found containing "electrophilic fluorination of aromatic compounds" as entered.	5
<input checked="" type="checkbox"/>	75 references were found containing the two concepts "electrophilic fluorination" and "aromatic compounds" closely associated with one another.	75
<input type="checkbox"/>	144 references were found where the two concepts "electrophilic fluorination" and "aromatic compounds" were present anywhere in the reference.	144
<input type="checkbox"/>	982 references were found containing the concept "electrophilic fluorination".	982
<input type="checkbox"/>	599727 references were found containing the concept "aromatic compounds".	599727

[Get References](#)

Seleccionamos las 75 referencias que contienen los dos conceptos de las búsqueda estrechamente relacionados.

BÚSQUEDA



Explore

Saved Searches

Research Topic "electrophilic fluorination of ..." >

Candidates Selected:

5 references were found containing "electrophilic fluorination of aromatic compounds" as entered.

75 references were found containing the two concepts "electrophilic fluorination" and "aromatic compounds" closely associated with one another.

Answer set 1 created with
71 answers from CAPLUS
4 answers from MEDLINE

Pasando el ratón por la ruta de navegación obtenemos información adicional sobre los resultados

REFERENCES

Get Substances

Get Reactions

Get Related Citations

Get Full Text

Tools

Create Keep Me Posted Alert

Send to SciPlanner

Analyze Refine Categorize

Analyze by:

Author Name

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

Sort by:

Accession Number

Accession Number

Author Name

Citing References

Publication Year

Title

1. **Regioselective tetrafluorination of o-carboranes**

Quick View Full Text

By Qiu, Zaozao; Quan, Yangjian; Xie, Zuwei

From Journal of the American Chemical Society (2013), 135(33), 12192-12195. | Language: English, Database: CAPLUS



Regioselective tetrafluorination of o-carboranes, bearing C-substituents, was achieved by palladium-catalyzed reaction with N-fluoroammonium **comps.**, such as 1-fluoro-2,4,6-trimethylpyridinium triflate. Catalysis with palladium complex [Pd(MeCN)4][BF4]2 catalyzes selective **fluorination** of o-carborane and 1,2-dimethyl-o-carborane, yielding 8,9,10,12-tetrafluoro derivs. A no. of 1,2-disubstituted and B-substituted o-carboranes were **fluorinated** in selected conditions. A Pd(II)-catalyzed direct selective **fluorination** reaction of carboranes using a F+ reagent has been developed, leading to a ser...

2. **Reduction of diphenylacetylene with lithium naphthalenide: a useful reaction for construction of n-electron systems**

Quick View Full Text

By Li, Shuhong; Li, Liangchun; Xu, Caihong

From Huaxue Tongbao (2012), 75(8), 724-729. | Language: Chinese, Database: CAPLUS

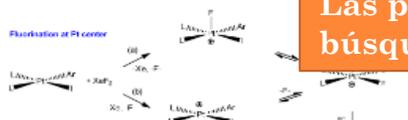
The redn. of diphenylacetylene with lithium naphthalenide produces two kinds of intermediates, 1,2-dithio-1,2-diphenylethene or 1,4-dithio-1,2,3,4-tetraphenyl-1,3-butadiene, depending on the ratio of diphenylacetylene to lithium naphthalenide. A series of n-electron systems' **comps.**, including 2,3,4,5-tetra-Ph silole derivs., polyaryl substituted ethylene/diene derivs., e. g., I and partially **fluorinated arom.** acenes e. g., II were synthesized by reaction of various **electrophiles** with the corresponding intermediates, 1,2-dilithio-1,2-diphenylethene or 1,4-dilithio-1,2,3,4-tetraphenyl-1,3...

3. **Electrophilic Fluorination of Organoplatinum(II) Iodides: Iodine and Platinum Atoms as Competing Fluorination Sites**

Quick View Full Text

By Dubinsky-Davidchik, Ina S.; Potash, Shay; Goldberg, Israel; Vignakol, Arkadi; Vedernikov, Andrei N.

From Journal of the American Chemical Society (2013), 135(33), 12192-12195. | Language: English, Database: CAPLUS



Las referencias aparecen en orden de ACCESSION NUMBER, se puede cambiar por otras opciones, p.e., CITING REFERENCES

Las palabras que coinciden con los criterios de búsqueda aparecen resaltadas

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

ANÁLISIS DE LAS REFERENCIAS

SciFinder

Explore ▾ Saved Searches ▾ SciPlanner

Research Topic "electrophilic fluorination of ..." > references (75)

REFERENCES

Get Substances Get Reactions Get Related Citations Get Full Text

Analyze Refine Categorize

Sort by: Accession Number

0 of 75 References Selected

Analyze by: Author Name

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

1. Palladium-catalyzed selective fluorination of α -carboranes

Quick View Full Text

By Qiu, Zaozao; Quan, Yangjian; Xie, Zuowei

From Journal of the American Chemical Society (2013), 135(33), 12192-12195. | Language: English

Regioselective tetrafluorinated palladium-catalyzed reaction of trimethylpyridinium triflate with α -carboranes yields selective fluorination of α -carboranes to tetrafluoro derivatives. A number of 1,2-difluoro derivatives in selected conditions. A Pd(II) reagent using a F⁺ reagent has been developed, leading to a series of...

2. Reduction of diphenylacetylene with lithium naphthalenide: a useful method

Quick View Full Text

By Li, Shuhong; Li, Liangchun; Xu, Caihong

From Huaxue Tongbao (2012), 75(8), 724-729. | Language: Chinese, Database: CAPLUS

The redn. of diphenylacetylene with lithium naphthalenide produces two kinds of 1,2,3,4-tetra-phenyl-1,3-butadiene, depending on the ratio of diphenylacetylene to the reagent. The products, including 2,3,4,5-tetra-Ph silole derivatives, polyaryl substituted ethylene derivatives, etc. II were synthesized by reaction of various electrophiles with the corresponding dilithio-1,2,3,4-tetra-phenyl-1,3-butadiene...

3. Electrophilic Fluorination of Organoplatinum(II) Iodides: Iodine and Phosphine

Quick View Full Text

By Vidchik, Ina S.; Potash, Shay; Goldberg, Israel; Vigelok, Arkadi; Vedernikov, Igor

From Journal of the American Chemical Society (2012), 134(34), 14027-14032. | Language: English

Diphosphine Pt(II) aryl iodide complexes bearing fluoro substituents on the aryl group. The corresponding Pt(II) aryl fluoro complexes were synthesized. In the case of the Pt-C6F5 complex, the products of the reaction with I2 and PhI were...

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

Barton Derek H R 2

Borodkin Gennady I 2

Chambers Richard D 2

Druelinger Melvin 2

Fischer C 2

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NEW Display Options

Page: 1 of 4

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Welcome Miguel Rodriguez

Print Export

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

Muestra todos los autores

ANÁLISIS DE REFERENCIAS

Esta opción permite evaluar el conjunto de resultados

Materias y submaterias relacionadas con el conjunto de referencias obtenido

SciFinder

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3. **Electrophilic Fluorination of Organoplatinum(II) Iodides: Iodine and Platinum Atoms as Competing Fluorination Sites**

Quick View | Full Text

By Dubinsky-Davidchik, Ina S.; Potash, Shay; Goldberg, Israel; Vignalok, Arkadi; Vedernikov, Andrei N.
From Journal of the American Chemical Society (2012), 134(34), 14027-14032. | Language: English, Database: CAPLUS

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

Fluorination at Pt center

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Page: 1 of 4

1. Palladium-catalyzed selective fluorination of o-carboranes

Quick View Full Text

By Qiu, Zaozao; Qian, Yangjian; Xie, Zuowei

From Journal of the American Chemical Society (2013), 135(33), 12192-12195. | Language: English, Database: CAPLUS



Regioselective tetrafluorination of o-carboranes, bearing C-substituents, was achieved by palladium-catalyzed reaction with N-fluoroammonium **comps.**, such as 1-fluoro-2,4,6-trimethylpyridinium triflate. Catalysis with palladium complex [Pd(MeCN)₄][BF₄]₂ catalyzes selective **fluorination** of o-carborane and 1,2-dimethyl-o-carborane, yielding 8,9,10,12-tetrafluoro derivs. A no. of 1,2-disubstituted and B-substituted o-carboranes were **fluorinated** in selected conditions. A Pd(II)-catalyzed direct selective **fluorination** reaction of carboranes using a F⁺ reagent has been developed, leading to a ser...

2. Reduction of diphenylacetylene with lithium naphthalenide: a useful reaction for construction of n-electron systems

Quick View Full Text

By Li, Shuhong; Li, Liangchun; Xu, Caihong

From Huaxue Tongbao (2012), 75(8), 724-729. | Language: Chinese, Database: CAPLUS

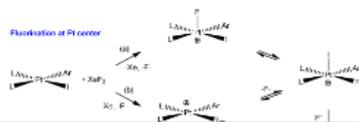
The redn. of diphenylacetylene with lithium naphthalenide produces two kinds of intermediates, 1,2-dilithio-1,2-diphenylethene or 1,4-dilithio-1,2,3,4-tetraphenyl-1,3-butadiene, depending on the ratio of diphenylacetylene to lithium naphthalenide. A series of n-electron systems' **comps.**, including 2,3,4,5-tetra-Ph silole derivs., polyaryl substituted ethylene/diene derivs., e. g., I and partially **fluorinated arom.** acenes e. g., II were synthesized by reaction of various **electrophiles** with the corresponding intermediates, 1,2-dilithio-1,2-diphenylethene or 1,4-dilithio-1,2,3,4-tetraphenyl-1,3-...

3. Electrophilic Fluorination of Organoplatinum(II) Iodides: Iodine and Platinum Atoms as Competing Fluorination Sites

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By Dubinsky-Davidchik, Ina S.; Potash, Shay; Goldberg, Israel; Vignalok, Arkadi; Vedernikov, Andrei N.

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- Report
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Refine

1. **Intermediates for alpha-fluoroalkyl tetrabenazine and dihydrotetrabenazine imaging agents and probes**

Quick View | Full Text | PDF

By Rishel, Michael James; Amarasinghe, Kande Kankanamalage; Dinn, Sean Richard; Johnson, Bruce Fletcher
From U.S. Pat. Appl. Publ. (2009), US 20090143587 A1 20090604. | Language: English, Database: CAPLUS

The invention provides fluorophilic **compds.** of formula I, which are provided in both racemic and enantiomerically enriched forms, and are useful as intermediates in the prepn. of PET imaging agents and probes useful in the discovery and performance assessment of PET imaging agents.. **Compds.** of formula I wherein Q is a carbonyl group, a protected carbonyl group, a hydroxymethine group, and a protected hydroxymethine group, and wherein R is a hydrogen atom, a hydroxyl group, a hydroxymethyl group, a hydroxymethyl group, or a hydroxymethyl group susceptible to hydrolysis.

2. **A method for increasing the fluorine content of a compound**

Quick View | Full Text

By Zhang, Wei; Luo, Zhiyong; Nagashima, Tadachichi; Chen, Christine Hui-Tung; Yu, Marvin S.
From PCT Int. Appl. (2004), WO 2004007407 A2 20040122. | Language: English, Database: CAPLUS

The present invention includes methods and compns. for increasing the fluorous nature of an org. **compd.**, which contains at least one functional group reactive with group X, by reacting it with at least one fluorous **compd.** of formula $XCR_1R_2(C_6H_5)_m[Wp(CH_2)_nRf]_m$ [wherein X = a leaving group, a nucleophilic group, or an **electrophilic** group; R1 and R2 = independently H, alkyl, Ph, $(C_6R_5)_q(W')_q$, or $(C_6H_5)_m[Wp'(CH_2)_nRf]_m'$; m and m' = independently 1-5; n and n' = independently 0-5; p and p' = independently 0 or 1; q = 0-5; W = O, S, NR3, CR4R5, SIR6R7; W' = OR8, SR9, NR10R11, CR12R13R14, or SIR15R1...

3. **Preparation and conversions of bis(alkylthio)carbenium salts**

Quick View | Full Text

By Kirsch, Peer; Ruhl, Andreas; Roesenthaler, Gerd-Volker; Sevenard, Dimitrii
From PCT Int. Appl. (2002), WO 2002064583 A2 20020822. | Language: German, Database: CAPLUS

Bis(alkylthio)carbenium salts $R^1CF_2C:(S+R^2)SR^3 X^-$ [R1 = H, (un)substituted alkyl, **aryl**; R2, R3 = (un)substituted alkyl; R2R3 = (un)substituted alkylene; X = non-coordinating or weakly coordinating anion] are prepd. for use as **electrophilic** reagents for transferring **fluorinated** alkyl and acyl radicals to nucleophilic **compds.** Thus, $(F_3CCO)_2O$ was treated with $HS(CH_2)_3SH$ and F_3CSO_3H to give 2-trifluoromethyl-1,3-dithianylum trifluoromethanesulfonate which was converted to $PhCF_2CF_3$, $PhCOCF_3$, and $PhCH_2CF_3$ with $PhBr$.

4. **Preparation of homochiral aromatic compounds as chiral solvating agents and chiral auxiliaries**

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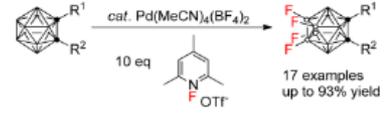
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Besheesh Mohamed Khalifa	3
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1. Palladium-catalyzed selective fluorination of o-carboranes

Quick View | Full Text

By Qiu, Zaozao; Qian, Yangjian; Xie, Zuowei
From Journal of the American Chemical Society (2013), 135(33), 12192-12195. | Language: English, Database: CAPLUS



Regioselective tetrafluorination of o-carboranes, bearing C-substituents, was achieved by palladium-catalyzed reaction with N-fluoroammonium **compds.**, such as 1-fluoro-2,4,6-trimethylpyridinium triflate. Catalysis with palladium complex [Pd(MeCN)₄][BF₄]₂ catalyzes selective **fluorination** of o-carborane and 1,2-dimethyl-o-carborane, yielding 8,9,10,12-tetrafluoro derivs. A no. of 1,2-disubstituted and B-substituted o-carboranes were **fluorinated** in selected conditions. A Pd(II)-catalyzed direct selective **fluorination** reaction of carboranes using a F⁺ reagent has been developed, leading to a ser...

2. Direct trifluoro-methoxylation of aromatics with perfluoro-methyl-hyofluorite

Quick View | Full Text

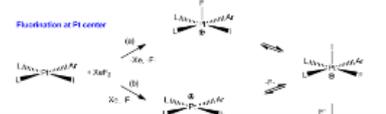
By Venturini, Francesco; Navarrini, Walter; Famulari, Antonino; Sansotera, Maurizio; Dardani, Patrizia; Tortorella, Giuseppe
From Journal of Fluorine Chemistry (2012), 140, 43-48. | Language: English, Database: CAPLUS

The reactivity of CF₃OF (FTM) has been widely studied esp. in halogenated olefinic systems. Its use 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.** (α,α,α-trifluorotoluene, toluene...)

3. Electrophilic Fluorination of Organoplatinum(II) Iodides: Iodine and Platinum Atoms as Competing Fluorination Sites

Quick View | Full Text

By Dubinsky-Davidchik, Ina S.; Potash, Shay; Goldberg, Israel; Vignalok, Arkadi; Vedernikov, Andrei N.
From Journal of the American Chemical Society (2012), 134(34), 14027-14032. | Language: English, Database: CAPLUS



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Sustancias, reacciones y citas de la referencia

22

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1. Palladium-catalyzed selective fluorination of o-carboranes

By: Qiu, Zaozao; Quan, Yangjian; Xie, Zuowei

Resumen

Regioselective tetrafluorination of o-carboranes, bearing C-substituents, was achieved by palladium-catalyzed reaction with N-fluoroammonium compds., such as 1-fluoro-2,4,6-trimethylpyridinium triflate. Catalysis with palladium complex [Pd(MeCN)₄][BF₄]₂ catalyzes selective fluorination of o-carborane and 1,2-dimethyl-o-carborane, yielding 8,9,10,12-tetrafluoro derivs. A no. of 1,2-disubstituted and B-substituted o-carboranes were fluorinated in selected conditions. A Pd(II)-catalyzed direct selective fluorination reaction of carboranes using a F⁺ reagent has been developed, leading to a series of polyfluorocarboranes in high isolated yields. The mechanism involving electrophilic B-H activation, oxidn. of Pd(II) by F⁺ species, and reductive elimination is proposed.

10 eq

17 examples up to 93% yield

Datos de la REFERENCIA necesarios para su localización

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SOURCE
Journal of the American Chemical Society
Volume 135
Issue 33
Pages 12192-12195
Journal; Online Computer File
2013
CODEN: JACSAT
ISSN: 0002-7863
DOI: 10.1021/ja405808t

COMPANY/ORGANIZATION
Shanghai-Hong Kong Joint Laboratory in Chemical Synthesis, Shanghai Institute of Organic Chemistry Chinese Academy of Sciences
Shanghai, Peop. Rep. China
200032

ACCESSION NUMBER
2013:1242177
CAN159:371314
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Indexing

Organometallic and Organometalloidal Compounds (Section29-4)

Section cross-reference(s): 75

Concepts

Quaternary ammonium compounds

Substances

1449612-28-5P

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Indexing

Organometallic and Organometalloidal Compounds (Section29-4)

Section cross-reference(s): 75

Concepts

Quaternary ammonium compounds

N-fluoroammonium; prepn. of tetrafluoro-o-carborane substituted derivs. by palladium-catalyzed regioselective electrophilic fluorination with fluoropyridinium reagents

Reagent; Reactant or reagent

Heterocyclic compounds, nitrogen

aromatic, pyridinium; prepn. of tetrafluoro-o-carborane substituted derivs. by palladium-catalyzed regioselective electrophilic fluorination with fluoropyridinium reagents

Reagent; Reactant or reagent

Substances

1449612-28-5P 
1449612-33-2P 
1449612-37-6P 
1449612-38-7P 
1449612-39-8P 
1449612-42-3P 
1449612-43-4P 

crystal structure; prepn. of tetrafluoro-o-carborane substituted derivs. by palladium-catalyzed regioselective electrophilic fluorination with fluoropyridinium reagents

Properties; Synthetic preparation; Preparation

21797-13-7 
42196-31-6 

Podemos recuperar referencias relacionadas por **CONCEPTOS**

Chinese Academy of Sciences
Shanghai, Peop. Rep. China
200032

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2013:1242177
CAN159:371314
CAPLUS

PUBLISHER

American Chemical Society

LANGUAGE

English

Supplementary Terms

carborane fluorination electrophilic regioselective palladium catalyst fluoropyridinium reagent; tetrafluorocarborane prepn regioselective fluorination palladium catalyst fluoropyridinium reagent; crystal structure tetrafluoro ortho carborane substituted deriv; mol structure tetrafluoro ortho carborane substituted deriv

Citations

Hawthorne, M; Angew Chem, Int Ed Engl 1993, 32, 950

Armstrong, A; Dalton Trans 2007, 4240 

Issa, F; Chem Rev 2011, 111, 5701 

Yang, X; J Am Chem Soc 1992, 114, 9719 

Jude, H; J Am Chem Soc 2005, 127, 12131 

Dash, B; J Am Chem Soc 2010, 132, 6578 

Hosmane, N; Comprehensive Organometallic Chemistry III 2007, 3

Xie, Z; Coord Chem Rev 2002, 231, 23 

Xie, Z; Acc Chem Res 2003, 36, 1 

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3. Electrophilic Fluorination of Organopalladium Complexes

By Dubinsky-Davidchik, Ina S.; Potash, Shay; Goldblum, Yael; et al. Journal of the American Chemical Society 2013, 135(33), 12192-12195. | Language: English, Database: CAPLUS

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Fluorination at Pt center

complex, the products of the fluoride-for-iodide exchange were the only products obsd. by 31P

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1. Palladium-catalyzed selective fluorination of o-carboranes

Quick View Full Text

By Qiu, Zaozao; Qian, Yangjian; Xie, Zuowei

From Journal of the American Chemical Society (2013), 135(33), 12192-12195. Language: English, Database: CAPLUS

stituents, was achieved by, such as 1-fluoro-2,4,6-Pd(MeCN)₄[BF₄]₂ catalyzes borane, yielding 8,9,10,12-carboranes were fluorinated reaction of carboranes

armaceutical synthesis as a favor of the perfluoromethyl electrophilic fluorinating with simple electron rich and

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F2 to cleanly produce the powerer, when aryl ligands imation of the corresponding In the case of the Pt-C₆F₅ e only products obsd. by 31P

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