

# SciFinder と SciFinder<sup>n</sup> 相違点一例

ホーム画面がシンプルになりました。



The screenshot shows the SciFinder interface. At the top, there is a navigation bar with "Explore", "Saved Searches", and "SciPlanner". Below this is a search filter menu with three main categories: REFERENCES, SUBSTANCES, and REACTIONS. The REFERENCES category is expanded, showing options like Research Topic, Author Name, Company Name, Document Identifier, Journal, Patent, and Tags. The SUBSTANCES category includes Chemical Structure, Markush, Molecular Formula, Property, and Substance Identifier. The REACTIONS category includes Reaction Structure. A red bracket highlights the REFERENCES and SUBSTANCES sections. To the right, the main content area is titled "REFERENCES: RESEARCH TOPIC" and contains a search input field with the text "Examples: The effect of antibiotic residues on dairy products" and "Photocyanation of aromatic compounds".

検索したい事柄に応じて検索窓を切り替える必要がある。



The screenshot shows the SciFinder home page. At the top, there is a navigation bar with the SciFinder logo and a star icon. Below this is a search filter menu with four main categories: All, Substances, Reactions, References, and Suppliers. The "All" category is selected and highlighted with a purple arrow. A red bracket highlights the "All" category. To the right, the main content area is titled "Search" and contains a search input field with the text "Enter a query...".

ALL 検索で文献, 物質, 反応, 試薬メーカーを一括検索。

文献検索結果が関連度 (Relevance) 順で表示されるようになりました。

## SciFinder



Sort by: Accession Number

Accession Number (登録順) 順で表示

1. **Synthesis of isomeric... performance**  
By Deng, Yunfeng; Guo, Kai; Wu, Bo; ...  
From Journal of Materials Chemistry C: Materials for Optical and Electronic Devices (2019), Ahead of Print. | Language: English, Database: CAPLUS

A single-isomer of thienoquinoidal unit, IDOTT, has been synthesized by a new synthetic route involving regioselective nucleophilic addn., dihydroxylation, dehydrogenation, oxidn. and isomerization, and the structure of IDOTT was unambiguously confirmed by the X-ray crystallog. anal. Compared with the reported synthetic route, this newly developed strategy possessed a wide range of substrate applicability. Moreover, IDOTT showed a good air stability and an excellent compatibility to chem. **reactions**, endowing the potential to construct conjugated polymers by different **cross-coupling reactions**...

2. **Cross-coupling reactions of alkenyl and allyl silane accelerated by copper (I) compounds**  
By Takeda, Takeshi  
From Organometallic News (2015), (1), 88-93. | Language: Japanese, Database: CAPLUS

## SciFinder<sup>n</sup>



References

Sort: Relevance View: Full Abstract

Substances Reactions Cited By Save

**Suzuki-Miyaura cross-coupling with quasi-heterogeneous palladium**  
By: Conlon, Da...  
Advanced Synt  
View Reference

Relevance (関連度) 順で表示.  
求める情報が上位に表示されます.

Abstract: The Suzuki-Miyaura cross-coupling reaction using heterogeneous Pd/C has a homogeneous component. The soluble palladium concentration increases during the reaction reaching a maximum at ca. 90% conversion before falling to < 4 ppm.

Full Text Substances (7) Reaction (1) Cited By (124) Citation Map

**Suzuki-Miyaura cross-couplings of secondary allylic boronic esters**  
By: Glasspoole, Ben W.; Ghazati, Kazem; Moir, Jonathon W.; Crudden, Cathleen M.

構造検索, 反応検索での検索タイプの事前設定が不要になりました.

## SciFinder

検索前に検索タイプの選択が必要

## SciFinder<sup>n</sup>

一回の検索ですべての検索タイプの検索を実施.

システム制限が廃止となり、より自由度が高い検索が可能になりました。

## SciFinder

Explore ▾ Saved Searches ▾ SciPlanner

Search could not be performed. Correct the error(s) indicated below.

Reaction Structure substructure > reactions (14202) > keep analysis "MethodsNow" (3688)

REFERENCES

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

SUBSTANCES

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

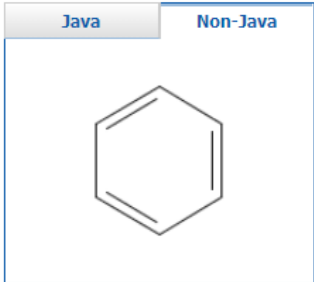
REACTIONS

- Reaction Structure

SUBSTANCES: CHEMICAL STRUCTURE ?

Structure Editor:

Java Non-Java



Search Type:

- Exact Structure
- Substructure
- Similarity

Show precision analysis

Click image to change structure or view detail.

Structure is too general. Select limiter(s) below or add more details to drawing.

Import CXF

Search

ChemDraw  
Launch a SciFinder substance or reaction search directly from ChemBioDraw Ultra 14. [Learn More](#)

例:ベンゼンのみ作図しての検索はできない。

## SciFinder<sup>n</sup>

Return to Home

Structure Match

- As Drawn (11K)
- Substructure (109.5M)
- Similarity (7,038)

Analyze Structure Precision

Filter by


- Commercial Availability
- Available (180)
- Not Available (11K)

Substances (11,586)

Sort: Relevance ▾ View Partial ▾

References ▾ Reactions ▾ Suppliers ▾

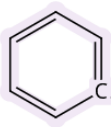
71-43-2 View Detail



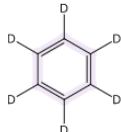
C<sub>6</sub>H<sub>6</sub>  
Benzene

220K References 400K Reactions 166 Suppliers

2396-01-2 View Detail



1076-43-3 View Detail



例:ベンゼンのみ作図しても検索可能。

# オプション機能だった PatentPak と MethodsNow Synthesis が標準搭載.

## SciFinder

3. **Fluorene derivative, and organic electroluminescent device using the same as or**  
Quick View **PATENTPAK** ▼  
By Cai, Hui  
From Faming Zhuo

Patent No.	PatentPak Options	Kind	Language
CN 109053632	PDF   PDF+   Viewer	A	Chinese

A fluorene de  
good carrier transport characteristics, high luminous efficiency, increased rigidity  
thermal stability of the  
voltage, high luminous e  
an org. layer, the org. le

▼ **METHODSNow™**

**Procedure**

1. Charge a parallel reactor containing a stir bar with Pd-PEPPSI complex (0.05% mmol), 2-ch  
phenylboronic acid (1.2 mmol), K<sub>3</sub>PO<sub>4</sub> (1.5 mmol) and 3 mL of solvent.
2. Carry out the reaction mixture at 80 °C for 4 hours.

[View more...](#)

**Available Experimental Data**  
<sup>1</sup>H NMR, <sup>13</sup>C NMR

[View with MethodsNow](#)

オプション契約しないと利用できない.

## SciFinder<sup>n</sup>

**PATENTPAK** ▼ Full Text ▼ Substances (59) Rea

Patent	Language	Kind	Code	PatentPak Options
WO2003006403 En				
WO2003006158 En				
Japan IP20141962				

**Experimental Protocols**

MethodsNow™ Experimental Procedure

Products	2-(1-Naphthalenyl)thiophene, Yield: 99%
Reactants	2-Iodothiophene 1-Naphthylboronic acid
Reagents	Potassium carbonate
Catalysts	Palladium(1+), [1-(diphenylphosphino- <i>k</i> P)-N-[(diphenylphosphino- <i>k</i> P)methyl]methanamine](η <sup>3</sup> propen-1-yl)-, chloride (1:1) (ArgoGel bound)
Solvents	Water

nmol), K<sub>2</sub>CO<sub>3</sub> (2.5 mmol), water (1.65 mL) and  
lex (33 mg, 10 μmol Pd) into a baker disposat

標準機能として利用可能.

逆合成経路予測機能 (Retrosynthesis Planner) を利用可能.

SciFinder

該当機能なし.

SciFinder<sup>n</sup>

