

CAS SciFinder®

# CAS SCIFINDER の強化

化学情報協会 情報事業部  
2025/09

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## CAS SciFinder の強化

### 科学研究の再定義

CAS SciFinder は、信頼できる科学コンテンツと高度な AI を組み合わせることで科学的発見を加速し、研究者がより迅速に洞察を発見し、自信を持ってイノベーションを起こすことを可能にします

- **IP Connections**

AI を搭載した独自の検索エンジンにより、CAS SciFinder での先行技術の発見がより容易に

- **SearchSense**

AI による直感的な自然言語検索が可能になり、  
複雑な科学的質問に対しても正確な事実に基づいた回答を提供

- **逆合成解析の強化\***

リアルタイムに逆合成解析の結果を提供

\* 今後の強化予定です。詳細は下記をご覧ください。

<https://www.cas.org/solutions/cas-scifinder-discovery-platform/cas-scifinder/upcoming-enhancements>

# 目次

- ホーム画面の変更
- Advanced Search 機能
- SearchSense
- SearchSense – Query Interpretation
- Structure Editor
- Prior Art Discovery 機能の追加
- フィルター情報の可視化
- クレームに関する強化
- 特許ステータスの追加
- 特許分類の強化
- マルクーシュ構造検索の強化
- Supplier Preferences
- Export の強化

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## ホーム画面の変更

検索ボックスが一つになり、Featured Search に 2 つの機能が追加された

Good Afternoon

Dehalogenation in isopropanol catalyzed by palladium

Draw Q

Featured Search

検索ボックスが一つに (SearchSense) (p.6-7) [View Less](#)

**Prior Art Discovery**  
Discover prior art in patents and non-patent literature using AI-enhanced search technologies.

**Patent Markush**  
Search Patent Markush by structure and view associated references.

**Advanced Search**  
Select data fields and search operators to create a focused query.

**Retrosynthetic Analysis**  
Make reaction plans with conditions, yields, catalysts, and experimental procedures.

**Search CAS Lexicon**  
Build powerful searches using CAS concepts, chemical classes, and taxonomy.

**Search CAS Sequences**  
Query BLAST, CDR, and Motif algorithms for nucleotide and protein based sequences.

Advanced Search 機能 (p.5)

Prior Art Discovery (p.9-11)

マルクーシュ構造検索 (p.21-22)

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# Advanced Search 機能

文献と物質検索における検索対象を指定した検索

Advanced Search

Select a search type, and then add multiple search fields to build a query. [Learn more about Advanced Search.](#)

物質/文献の切り替え: Substances References Clear All

検索対象の選択: Author/Inventor Name Enter last name, first name middle name. Example: Schubert, J A

演算子の選択: AND Abstract/Keywords Enter Keywords or abstract terms. Examples: UCHIME AlphaFold

行の入れ替え: AND Concept Enter one concept. Examples: Computational biology CRISPR-Cas system Photocatalytic decomposition

Proton nmr spectral data for C13H13Br

Featured Search

- Prior Art Discovery: Discover prior art in patents and non-patent literature using AI-enhanced search technologies.
- Patent Markush: Search Patent Markush by structure and view associated references.
- Advanced Search: Select data fields and search operators to create a focused query.
- Retrosynthetic Analysis: Make reaction plans with conditions, yields, catalysts, and experimental procedures.

# SearchSense

検索式の意図の識別や自然言語を使った検索が可能に

Good Afternoon

pKa of benzene ベンゼンの pKa を検索

Results for "pka of benzene"

検索結果の切り替え: All Substances Reactions References Suppliers Patent Markush

ベンゼンの pKa の情報

pKa Properties  
Showing 5 of 10 Results

Value	Condition	Source
43	-	Speetzen, Brent; Journal of Physical Chemistry A, (20...
43	-	Lee, Gon-Ann; Journal of the Chinese Chemical Societ...
43	-	Kuo, Pei-Yu; ACS Sustainable Chemistry & Engineerin...
43 (approx)	-	Takahashi, Yuriko; Inorganic Chemistry, (2017), 56(19...
43	-	Ritter, Eric; Fluid Phase Equilibria, (2016), 422, 43-55, ...

71-43-2  
Benzene

pKa  
43

Source  
Speetzen, Brent; Journal of Physical Chemistry A, (2019), 123(28), 6016-6021, CAPIUS

自然言語を使った検索式の例

- Price of Bisphenol A
- How to make Ibuprofen
- Proton NMR of C13H13Br
- What are the hazards of 58-08-2

# SearchSense – Query Interpretation

AI が検索式の意図を自動で解釈し、文献検索結果の精度が向上

Good Afternoon

Coating materials Epoxy resins

References search for "Coating materials Epoxy resins"

Query Interpretation

Interpretation  
coating materials and epoxy resins

Search Original Query

AI が検索式の意図を解釈し、coating materials and epoxy resins で検索を実行

入力した通りの検索も実行できる

Search Original Query will start a new search using your original query without AI enhancement.

Try using [Advanced Search](#) to build boolean queries.

[Learn more](#) about how our reference search has changed.

Filter Results

139,494 Results

1

Epoxy resins for coating materials

By: Klingner, H. J.  
Chemisches Zentralblatt (1963), 134(18), 7521-7522 | Language: German

Machine Translated: Authors reported over Verss., epoxy resins have corrosive properties with respect to the most diverse materials related, but which partially for sources of paints, this use of days to cure.

ChemZent Full Text 2

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# Structure Editor

構造作図画面上で検索のタイプを指定できるように

Good Afternoon

Dehalogenation in isopropanol catalyzed by palladium

Draw

検索タイプの切り替え

CAS Draw

Select Search Type

Substances References Reactions Suppliers Patent Markush All

Enter a CAS Registry Number, SMILES, or InChI.

Chemical structure diagram of a pyrimidine derivative.

formula: C<sub>8</sub>H<sub>10</sub>N<sub>2</sub>O<sub>2</sub> (194.19)

Zoom: 150%

Cancel OK

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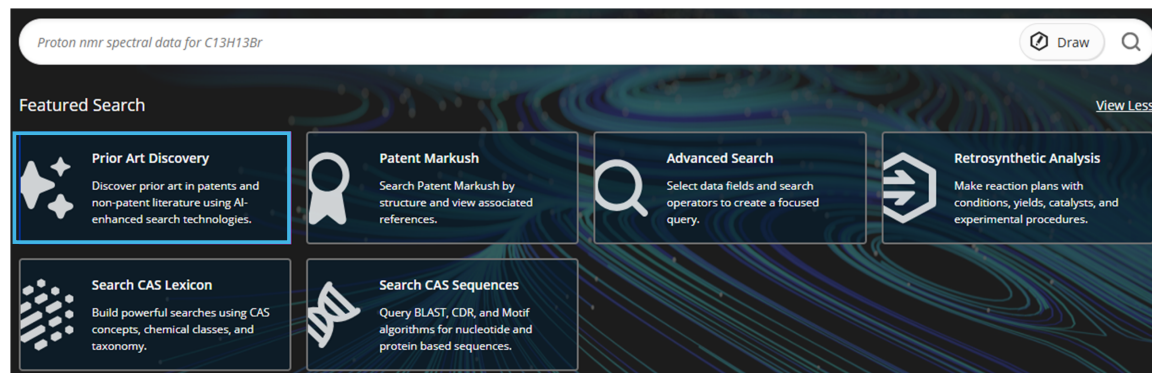


# Prior Art Discovery 機能の追加

## 先行技術調査の新オプション

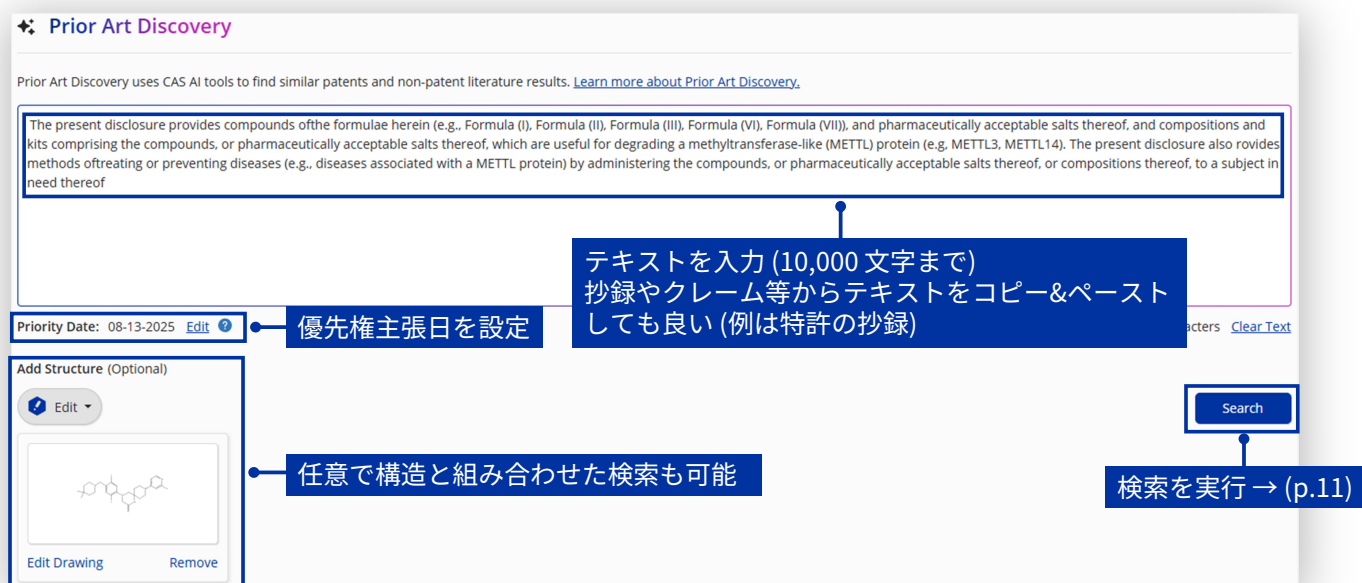
CAS 独自の AI 対応先行技術アルゴリズムを活用して、潜在的な先行技術を発見する新機能 **Prior Art Discovery** を追加

- 自由形式のテキスト情報から、AI が特許および非特許文献の先行技術文献を検索



# Prior Art Discovery の検索方法

## 自由にテキストを入力し先行技術調査が可能に



# Prior Art Discovery の検索結果

特許・非特許文献がそれぞれ最大 100 件得られる

✦ Prior Art Discovery for "The present disclosure provides compounds of the formulae herein (e.g., Formula (I), Formula (II), For..."

Search Details

Your Inputs

Text


The present disclosure provides compounds of the formulae herein (e.g., Formula (I), For...

View All

Priority Date

08-13-2025

Structure



Patents (100) Non-Patent Literature (92)

Sort: Relevance

特許・非特許文献の切り替え

文献は関連度の高い順に表示される

Proteolysis Targeting Chimera Degradors of the METTL3-14 m;A-RNA Methyltransferase

By: Errani, Francesco; Invernizzi, Annalisa; Herok, Marc; Bochenkova, Elena; Stamm, Fiona; Corbeski, Ivan; Romanucci, Valeria; Di Fabio, Giovanni; Zalesak, Frantisek; Calisch, Amedeo

Non-Patent Literature

View Reference Details

Methylation of adenine N6 (m6A) is the most frequent RNA modification. On mRNA, it is catalyzed by the METTL3-14 heterodimer complex, which plays a key role in acute myeloid leukemia (AML) and other types of blood cancers and solid tumors. Here, we disclose the first proteolysis targeting chimeras (PROTACs) for an epitranscriptomics protein. For designing the PROTACs, we made use of the crystal structure of the complex of METTL3-14 with a potent and selective small-mol. inhibitor (called UZH2). The optimization of the linker started from a desfluoro precursor of UZH2 whose synthesis is more efficient than that of UZH2. The first nine PROTAC mols. featured PEG- or alkyl-based linkers, but only the latter showed cell penetration. With this information in hand, we synthesized 26 PROTACs based on UZH2 and alkyl linkers of different lengths and rigidity. The formation of the ternary complex was validated by a FRET-based biochem. assay and an in vitro ubiquitination assay. The PROTACs 14, 20, 22, 24, and 30, featuring different linker types and lengths, showed 50% or higher degradation of METTL3 and/or METTL14 measured by

Ultra-fine friction grinding of sunflower kernels - thereof tahini and halva production and rheological characterization

By: Racolta, Emil; Muresan, Elena Andruța; Bors, Andrei; Vlaic, Romina; Muresan, Vlad

Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Food Science and Technology (2016), 73 (2), 167-168 | 10.15835/buasvmcn-fst:12323

Tahini is a paste obtained by milling the roasted sunflower kernel. Usually, a time and energy consuming two-steps process is involved, a three-roll refiner and a beating machine. The aim of this work was to identify and test a milling process for...

検索結果は History から開く

回答一覧の文献のタイトルをクリックすると、右側のパネルで概要を確認できる

- 文献の詳細情報は View Reference Detail から確認する



# フィルター情報の可視化

文献の検索結果でフィルターの結果が図やグラフで表示される

References search for "Lithium secondary batteries"

View Related Results

Filter Results

Analyze Results

Behavior

Filter by Exclude

Search Within Results

Document Type

Patent Office

China (65K)

United States (20K)

World Intellectual Property Organization (19K)

Japan (14K)

Korea, Republic of (13K)

View All

Patent Status

Language

Publication Year

International Patent Classification (IPC)

Available at My Institution

Filtering: International Patent Classification (IPC): H01M 10/0525

Clear All Filters

73,861 Results

Sort: Relevance View: No Abstract

1

Lithium secondary batteries with excellent cycle characteristics at high temperature

Assignee: Toyota Central Research and Development Laboratories, Inc.

Japan, JP2001210324 A 2001-08-03 | Language: Japanese, Database: Capius

Patent Status: Dead Family Members: JP

View Abstract

PatentPak Full Text 5 0 10

2

Plate-like particle for cathode active material of a lithium secondary battery, a cathode active material film of a lithium secondary battery, and a lithium secondary battery

Assignee: NGK Insulators, Ltd.

United States, US20100159326 A1 2010-06-24 | Language: English, Database: Capius

Patent Status: Dead Family Members: US US US US +38 more

View Abstract

PatentPak Full Text 3 0 6

3

Plate-like particle for cathode active material of a lithium secondary battery, and a lithium secondary battery

他のチャートへの切り替え

ダウンロード

チャートからの絞り込みも可能

Top IPC Codes

H01M 10/0525

H01M 4/04

H01M 50/00

Top Authors/Inventors

Li, Suli

Li, Junyi

Li, Changdong

Xu, Yanming

Xu, Kaihua

Jiang, Bor Z.

Ren, Jianguo

Chen, Jie

Peng, Chong



# クレームに関する強化 – 物質

クレームされたことを示すアイコンが追加

Substances search for "previcox"

検索結果画面

View Related Results

Filter Results

Behavior

Filter by

Exclude

Search Within Results


Search for up to 3 structures within the result set.

Draw

1 Result


1

189954-96-9



$C_{17}H_{20}O_5S$

Previcox



CAS Registry Number: 189954-96-9

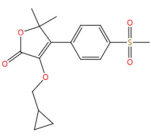
物質詳細画面

349

116


60

View in CAS BioFinder



$C_{17}H_{20}O_5S$

2(5H)-Furanone, 3-(cyclopropylmethoxy)-5,5-dimethyl-4-{4-(methylsulfonyl)phenyl}- (9CI, ACI)



Patents Claimed In

Methods and compositions of polycyclic and a dual acting nitroxide compounds for treatment of fat cell associated diseases

Rule: Therapeutic Use

Patent Number: WO2025137653

Publication Date: 2025-06-26

Synthesis of thiophene fused cyclohexanones as cyclooxygenase (cox) inhibitors for the treatment of pain

Rule: Therapeutic Use

Patent Number: WO2025035205

Publication Date: 2025-02-20

Use of rimcazole in combination with anti-inflammatory agents to treat cancer

Rule: Pharmacological Activity, Therapeutic Use

Patent Number: WO2025031979

Publication Date: 2025-02-13

View All Patents

物質が特許にクレームされている場合、アイコンが表示される

該当物質がクレームされている最新の特許が3件表示される

# クレームに関する強化 – 文献

特許の詳細情報にクレームを追加

Synthesis of N4-hydroxycytidine diesters treating viral infections

文献詳細画面

716

1,030

0

Citation Map

In this Patent

Claims

Classifications

CAS Concepts

Markush Structures

Substances

Reactions

Cited Documents

Inventors: Zhao, Zuchun; Xu, Kai; Xie, Ye, Yan

The present disclosure relates to diester derivatives of N4-hydroxycytidine (NHC), to pharmaceutical compositions thereof, and to the use and method of the diester derivatives of N4-hydroxycytidine to treat viral infections.

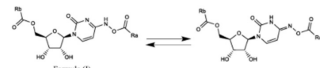
Keywords: hydroxycytidine

PatentPak

Claims

Claims text may be based on automatic Optical Character Recognition processes.

1 What is claimed is:  
A compound of Formula (I):



クレーム中の図も表示される

or a tautomer, stereoisomer or racemate thereof or a pharmaceutically acceptable salt thereof, wherein Ra and Rb are the same or different, and are independently selected from the group consisting of C<sub>1-7</sub> alkyl, C<sub>2-6</sub> alkenyl, C<sub>2-6</sub> alkynyl, C<sub>1-7</sub> alkoxy, C<sub>3-8</sub> cycloalkyl, C<sub>6-10</sub> aryl, 5 to 10 membered heteroaryl, 3 to 12 membered heterocyclyl, C<sub>3-8</sub> cycloalkyl-C<sub>1-7</sub> alkyl, C<sub>6-10</sub> aryl-C<sub>1-7</sub> alkyl, 5 to 10 membered heteroaryl-C<sub>1-7</sub> alkyl, and 3 to 12 membered heterocyclyl-C<sub>1-7</sub> alkyl, wherein said alkyl is optionally substituted with one or more substituents selected from the group consisting of: halogen, acyl, hydroxy, cyano, nitro, amino, -NH (C<sub>1-7</sub> alkyl), -N (C<sub>1-7</sub> alkyl) 2-, -CO-NH<sub>2</sub>, -CO-NH (C<sub>1-7</sub> alkyl), -CO-N (C<sub>1-7</sub> alkyl) 2-, -NH (acyl), -N (acyl) 2-, NH<sub>2</sub>-acyl, NHRy-acyl, N (Ry) 2-acyl, C<sub>1-7</sub> alkoxy, halo-C<sub>1-7</sub> alkoxy, halo-C<sub>3-8</sub> cycloalkyl, C<sub>3-8</sub> cycloalkyl, C<sub>6-10</sub> aryl, 5 to 10 membered heteroaryl, 3 to 12 membered heterocyclyl, C<sub>3-8</sub> cycloalkyloxy, C<sub>6-10</sub> aryloxy, 5 to 10 membered heteroaryloxy and 3 to 12 membered heterocyclyloxy; wherein each of said cycloalkyl, aryl, heteroaryl and heterocyclyl is optionally substituted with one or more substituents selected from the group consisting of: halogen, acyl, hydroxy, cyano, nitro, amino, -NH (C<sub>1-7</sub> alkyl), -N (C<sub>1-7</sub> alkyl) 2-, -CO-NH<sub>2</sub>, -CO-NH (C<sub>1-7</sub> alkyl), -CO-N (C<sub>1-7</sub> alkyl) 2-, -NH (acyl), -N (acyl) 2-, NH<sub>2</sub>-acyl, NHRy-acyl, N (Ry) 2-acyl, C<sub>1-7</sub> alkyl, C<sub>2-6</sub> alkenyl, C<sub>2-6</sub> alkynyl, C<sub>1-7</sub> alkoxy, halo-C<sub>1-7</sub> alkyl, halo-C<sub>1-7</sub> alkoxy, halo-C<sub>2-6</sub> alkenyl, halo-C<sub>2-6</sub> alkynyl, hydroxy-C<sub>1-7</sub> alkyl, C<sub>1-7</sub> alkoxy-C<sub>1-7</sub> alkyl, halo-C<sub>1-7</sub> alkoxy-C<sub>1-7</sub> alkyl, halo-C<sub>3-8</sub> cycloalkyl, C<sub>3-8</sub> cycloalkyl, C<sub>6-10</sub> aryl, 5 to 10 membered heteroaryl, 3 to 12 membered heterocyclyl, C<sub>3-8</sub> cycloalkyloxy, C<sub>6-10</sub> aryloxy, 5 to 10 membered heteroaryloxy and 3 to 12 membered heterocyclyloxy; wherein the acyl is Rx-(C=O)-; and Rx and Ry are independently selected from the group consisting of C<sub>1-7</sub> alkyl, C<sub>3-8</sub> cycloalkyl, C<sub>6-10</sub> aryl, 5 to 10 membered heteroaryl, 3 to 12 membered heterocyclyl, C<sub>3-8</sub> cycloalkyl-C<sub>1-7</sub> alkyl, C<sub>6-10</sub> aryl-C<sub>1-7</sub> alkyl, 5 to 10 membered heteroaryl-C<sub>1-7</sub> alkyl, and 3 to 12 membered heterocyclyl-C<sub>1-7</sub> alkyl;

クレームは 参照できるが、テキスト検索の検索対象外である。

# 特許ステータスの追加

特許ステータスで情報を絞り込むことも可能

CAS SciFinder References - Previcox 文献検索回答一覧

Filter Results

Behavior

Filter by Exclude

Search Within Results

Document Type

Patent Office

Patent Status

- Alive (66)
- Transitional (7)
- Dead (46)
- Indeterminate (12)
- Unknown (29)

Substance Role

Language

English (62)

Combination use of inhibitor targeting PD-1/PD-L1 and COX-2 inhibitor having enhanced immune activation effect

Assignees: National University Corporation Hokkaido University; Fuso Pharmaceutical Industries, Ltd.

World Intellectual Property Organization WO/2019/17420 A1 2019-01-24 | Language: Japanese, Database: CAnPlus

Patent Status: ☒ Dead Family Members: CA ☒ AU ☒ CN ☒ KR ☒ EP ☒ JP ☒ CN ☒ US ☒ HK ☐

The pharmaceutical composition comprises COX-2 inhibitor and is administered at any period of time prior to, subsequent to, or at the same time of the administering of the inhibitor targeting PD-1/PD-L1 and an immunostimulating effect enhancer which is for the

Patent Family

Patent	Language	Full Text	Publication Date	Application Number	Application Date	Patent Status	Status Date
WO2019017420 A1	Japanese	PatentPak PDF	2019-01-24	WO2019-302656	2018-07-19	Dead	2022-03-24
CA3069400 A1	English	PatentPak PDF	2019-01-24	CA3069400 A1	2018-07-19	Alive	2020-11-21
AU2018302656 A1	English	PatentPak PDF	2020-01-16	AU2018-302656	2018-07-19	Transitional	2025-05-15
CN110869055 A	Chinese	PatentPak PDF	2020-03-06	CN2018-80045526	2018-07-19	Alive	2020-11-21
KR2020030585 A	Korean	PatentPak PDF	2020-03-20	KR2020-7004866	2018-07-19	Alive	2024-08-01
EP3656400 A1	English	PatentPak PDF	2020-05-27	EP2018-836127	2018-07-19	Dead	2025-06-12
JP2019-530587	Japanese	PatentPak PDF	2022-09-12	JP2019-530587	2018-07-19	Unknown	-
CN2018-80045526	Chinese	PatentPak PDF	2023-04-28	CN2018-80045526	2018-07-19	Alive	2020-11-21
KR2020-7004866	Korean	PatentPak PDF	2024-07-19	KR2020-7004866	2018-07-19	Alive	2024-08-01
US2020-1663908	English	PatentPak PDF	2020-04-30	US2020-1663908	2020-01-14	Transitional	2025-03-13
HK40027597 A	English	PatentPak PDF	2021-01-22	HK2020-6017247	2020-10-06	Unknown	-

文献検索詳細表示

特許ファミリー情報の特許ステータスが表示

特許ファミリー情報の特許ステータスで絞り込みが可能に

## 【参考】特許発行国と特許ステータスフィルターの連携

Patent Office と Patent Status フィルターは連携しており、同一公報内で限定される

CAS SciFinder Liquid detergents 検索結果画面

Return to Home

References search for "Liquid detergents"

Patent Office: Japan に限定 Suppliers Patent Markush

View Related Results

Patent Office

- ☒ Japan (1,115)
- ☐ World Intellectual Property Organization (403)
- ☐ China (339)
- ☐ United States (307)
- ☐ European Patent Organization (299)

View All

Patent Status

- ☒ Alive (1,113)
- ☒ Transitional (29)
- ☐ Dead (91)
- ☐ Indeterminate (218)

Patent Family

Patent	Language	Full Text	Publication Date	Application Number	Application Date	Patent Status	Status Date
WO2012033222 A1	Japanese	PatentPak PDF	2012-03-15	WO2011-JP70727	2011-09-12	Dead	2020-12-02
EP2615158 A1	English	PatentPak PDF	2013-07-17	EP2011-823690	2011-09-12	Dead	2020-12-03
KR2013138721 A	Korean	PatentPak PDF	2013-12-19	KR2013-7003837	2011-09-12	Alive	2020-11-21
JP5902622 B2	Japanese	PatentPak PDF	2016-04-13	JP2012-533052	2011-09-12	Alive	2020-11-20
MY161098 A	English	PatentPak PDF	2017-04-14	MY2013-770	2011-09-12	Alive	2020-12-09
KR1849800 B1	Korean	PatentPak PDF	2018-04-17				
TH104516 B	Thai	PatentPak PDF	2024-11-05				
US20130172227 A1	English	PatentPak PDF	2013-07-04				
US9018152 B2	English	PatentPak PDF	2015-04-28	US2013-13821564	2013-03-07	Dead	2020-11-21

文献詳細画面

特許ファミリーの中に Alive または Transitional の日本特許がある特許文献に限定されている

Patent Status: Alive または Transitional に限定



# 参考：特許ステータスの定義

特許ステータス	内容
ALIVE	出願中、特許権存続期間中など、有効な場合に付与
DEAD	期間満了、放棄、取り下げなど、有効な可能性がない場合に付与
TRANSITIONAL	最新の法的状況イベントで特許失効になる可能性があることが示された場合に付与（取り下げ、年金未払いなど）
INDETERMINATE	欧州登録特許固有のステータス*。 欧州登録特許は各国の国内特許権となるため、期間満了日（計算値）までの間付与
UNKNOWN	特許ステータス情報なし。関連する国の特許庁にご確認ください。

\* 欧州単一効特許には付与されない



# 特許分類の強化 - IPC

## 国際特許分類 (IPC) で絞り込みが可能に

International Patent Classification (IPC)

A61Q 19/00 (40K)

A61P 35/00 (37K)

A61P 29/00 (33K)

A61K 9/00 (32K)

A61P 43/00 (29K)

View All

Available at My Institution

Author/Inventor

Organization

Publication Name

Concept

ethoxylated alc. The ethoxylated alc. is obtained by ethoxylation of a linear or branched C<sub>8-20</sub> aliphatic mono alc., with a mean degree of ethoxylation of 2-50 mol ethylene oxide per mol of alc. Optionally an addnl. surfactant and a humectant, are added. The applied **composition** shows rain fastness.

Synergistic herbicidal compositions

Assignee: Novartis A.-G.

Germany, DE19915013 A1 1999-08-26 | Language: German, Database: CAplus

Patent Status: Dead, Family Members: DE DE DE CA + 16 more

The title **composition** comprises a protoporphyrinogen oxidase-inhibiting herbicide (fluzolate, thidiazimin, acifluorfen, aclonifen, bifenox, chloronitrophen, ethoxyfen, azafenidin, cinidon-Et, nipyraclufen, etc.) and a co-herbicide, such as a herbicide, fungicide, insecticide or acaricide. The **compositions** are usable against crops resistant to protoporphyrinogen oxidase inhibitors.

PatentPak

Full Text

153

0

17

Top IPC Codes

A61Q 19/00

A61P 35/00

A61P 29/00

A61K 9/00

A61P 43/00

A61K

C08L 10/00

C08K 3/00

C08L 63/00

A61P 17/00

C08K

C08K

G03F 7/004

C08K 5/00

A61K 8/34

文献検索回答一覧

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# 特許分類の強化 – CPC

## 特許情報に共通特許分類 (CPC) を追加

Production & secretion of auxin-like molecules in bacteria

文献検索詳細表示

211 0 0 0 Citation Map

In this Patent

- Claims
- Classifications
- CAS Concepts
- Substances

Inventors: Semsey, Szabolcs; Soendberg, Emilie; Munck, Christian; Koulouktsis, Andreas

Classifications

Patent	Classification	Codes
WO2025008490 A2	IPC	A61K 35/741; C07K 14/415; C12N 1/20; C12N 15/52; C12P 17/10; C12N 9/02; C12N 9/10; C12N 9/88
WO2025008424 A1	IPC	C12N 15/11; C12N 15/63; C12N 1/36; C12N 15/10; C12P 17/10
US20250043291 A1	IPC	C12N 15/70; A61K 35/747; C12N 9/22; C12N 15/113; C12N 15/74
	CPC	C12N 15/70; A61K 35/747; C12N 9/22; C12N 15/113; C12N 15/74; C12N 2310/14; C12N 2310/20
CN119265092 A	IPC	C12N 1/21; C12N 15/70; C12P 17/10; C12N 15/60; C12N 15/53; C12N 15/54; C12N 15/55; C12N 15/29; C12N 15/31; A61K 35/74; A61K 48/00; A61K 9/48; A61K 9/28; A61P 3/00; A61P 9/00; A61P 1/16; A61P 5/50; A61P 35/00; A61P 39/06; A61P 29/00; A61P 3/10; A61P 3/04; C12R 1/19
	CPC	C07K 14/415; C12N 1/20; A61K 35/741; C12N 15/52; C12P 17/10; C12N 9/0008; C12N 9/1096; C12N 9/88; C12Y 102/03007; C12Y 206/01099; C12Y 401/01074
WO2025008490 A3	IPC	A61K 35/741; C07K 14/415; C12N 1/20; C12N 15/52; C12P 17/10; C12N 9/02; C12N 9/10; C12N 9/88

IPCに加え、CPCを確認できる

# Flags フィルターの追加

## 物質索引情報の有無などによる絞り込みが可能に

Flags

- Is Open Access (46)
- Has DOI (362K)
- Has Claims (165K)
- Has PatentPak (164K)
- Has Related Substances (576K)
- Has Related Reactions (576K)

Patent Office

- China (601K)
- World Intellectual Property Organization (67K)
- United States (81K)
- European Patent Organization (67K)
- Japan (66K)

Patent Status

- Alive (104K)
- Transitional (6,327)
- Dead (116K)
- Indeterminate (24K)
- Unknown (56K)

Functionalization of cotton fabrics by sol-gel method using ionic liquids with high-hydrophobicity, oil/water separation, and self-cleaning properties

By: Bennis, Aziz; Boukharriss, Aicha; Zahouily, Mohamed; Manoun, Bouchaib; Gmouh, Said

Cellulose (Dordrecht, Netherlands) (2023), 30(10), 6719-6740 | Language: English, Database: CAPlus

In this paper, we report on the design of multifunctional cotton fabric with high hydrophobic, water-repellent, water gel method using ionic liquids To do so, sols containing 1-methylimidazolium chloride Propyltriethoxysilane [MCPTS (PCPTS) salts diluted solution] substrate by the pad-drycure process, sulfonamide lithium f...

View More

Full Text 19 12 15

DOI

View all Sources

Deuterated indole heptamethine cyanine dyes, aqueous formulations including the deuterated dyes, X<sup>1</sup>, X<sup>2</sup>, and X<sup>3</sup> are each hydrogen; A is a 6- to 12-membered arene, wherein A is unsubstituted or substituted with 1-5-alkyl, halogen, -CN, -NH<sub>2</sub>, -NH(C<sub>1-4</sub>alkyl), -N(C<sub>1-4</sub>alkyl)<sub>2</sub>, -YC...

Assignee: University of Notre Dame; World Intellectual Property Organization, WO2022235371 A1 2022-11-10 | Language: English, Database: CAPlus

Patent Status: Alive Family Members: FP US US

Described are deuterated indole heptamethine cyanine dyes, aqueous formulations including the deuterated dyes, X<sup>1</sup>, X<sup>2</sup>, and X<sup>3</sup> are each hydrogen; A is a 6- to 12-membered arene, wherein A is unsubstituted or substituted with 1-5-alkyl, halogen, -CN, -NH<sub>2</sub>, -NH(C<sub>1-4</sub>alkyl), -N(C<sub>1-4</sub>alkyl)<sub>2</sub>, -YC...

View all Sources

PatentPak Full Text 43 26 0

## Flags

- Is Open Access
- Has a DOI
- Has Claims (p14)
- Has PatentPak (PatentPak Viewer)
- Has Related Substances
- Has Related Reactions

# マルクーシュ構造検索の強化

ホームページ画面の Patent Markush から検索が可能に

Dehalogenation in isopropanol catalyzed by palladium

Featured Search

**Prior Art Discovery**  
Discover prior art in patents and non-patent literature using AI-enhanced search technologies.

**Patent Markush**  
Search Patent Markush by structure and view associated references.

**Advanced Search**  
Select data fields and search

Search Patent Markush に自動的にチェックが入る

Edit Drawing Remove

☒ Search Patent Markush

# マルクーシュ構造検索結果の強化

マルクーシュ構造の全置換基情報の表示

マルクーシュ構造検索回答一覧

Sort: Publication Date: Newest

1

**CN118459461 Markush Details**

**Preparation of xanthine compounds and abnormal TRPC4/5 function**

Assignees: Shanghai Institute of Materia Medica, China; CN118459461 A 2024-08-09 | Language: Chinese

Patent Status: ● Alive

Patent claim 1

PatentPak Full Text

312,313,315,316,318: opt. subst. by (1-4) G7

**Patent Markush 1**

PatentPak Full Text

**マルクーシュ構造検索詳細表示**

G1 = alkyl (opt. subst. by 1 or more G2) \ Me \ Pr \ Et

G2 = F \ Cl \ Br \ I

G3 = Ph (opt. subst. by (1-4) G4)

G4 = D \ F \ Cl \ Br \ I \ alkyl (opt. subst. by 1 or more G2) \ alkoxy (opt. subst. by 1 or more G2) \ CN \ CF3

G5 = carbocycle (opt. subst. by (1-4) G6) \ heterocycle (opt. subst. by (1-4) G7) \ aryl (opt. subst. by (1-4) G7) \ Ph (opt. subst. by (1-4) G7) \ 307 \ 308 \ 311 \ 322 \ 24 \ 29 \ 36 \ 42 \ 50 \ 53 \ 66 \ 79 \ 86 \ 94 \ 104 \ 118

**Gグループに含まれるすべての置換基情報が表示される**

# 特許の詳細情報にマルクーシュ情報を追加

索引されているすべてのマルクーシュ構造を確認可能に

Method for improving learning

文献検索詳細表示

In this Patent

- Claims
- Classifications
- CAS Concepts
- Markush Structures**
- Substances
- Cited Documents

Inventors: Zakharenko, Stanislav S.; Blundon, Jay A.

The invention is directed to a method for improving learning and/or memory (e.g., auditory, visual, somatosensory or motor) in adults and children of an age which is beyond the early critical period for learning, said method comprising inhibiting (i) ecto-5'-nucleotidase (Nt5e, aka CD73) or (ii) A1 adenosine receptor (A1R, aka Adora1) expression or

Markush Structures

**Patent Markush 1**

Notes  
Patent claim 20  
and pharmaceutically acceptable salts  
[View all on Markush Detail](#)

**Patent Markush 2**

Notes  
Patent claim 24  
and pharmaceutically acceptable salts  
[View all on Markush Detail](#)

**Patent Markush 3**

Notes  
Patent claim 27  
and pharmaceutically acceptable salts  
[View all on Markush Detail](#)

**Patent Markush 4**

Notes  
Patent claim 31  
and pharmaceutically acceptable salts  
[View all on Markush Detail](#)

マルクーシュ構造の詳細情報を確認できる

# Supplier Preferences

優先サプライヤー設定機能の導入

Suppliers search for "Where to buy palladium chloride"

Suppliers 検索回答一覧

Filter Results

Behavior

Filter by Exclude

Preferred Suppliers

No Preference (122)

Supplier

122 Results

1

Oakwood Chemical

Substance

7647-10-1

Palladium (II) chloride

wt. % in 10 wt. % HCl

Supplier Preferences

Select one or more suppliers as preferred (thumbs up) to always display at the top of your results; non-preferred suppliers (thumbs down) always display at the bottom.

Search Suppliers by Name

286 Suppliers

001Chemical Product List

10X CHEM Catalog

1Click Chemistry Stock Products

1Pluschem Product List

1stScientific

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Sort: Price: Low to High

Oakwood Chemical

Supplier

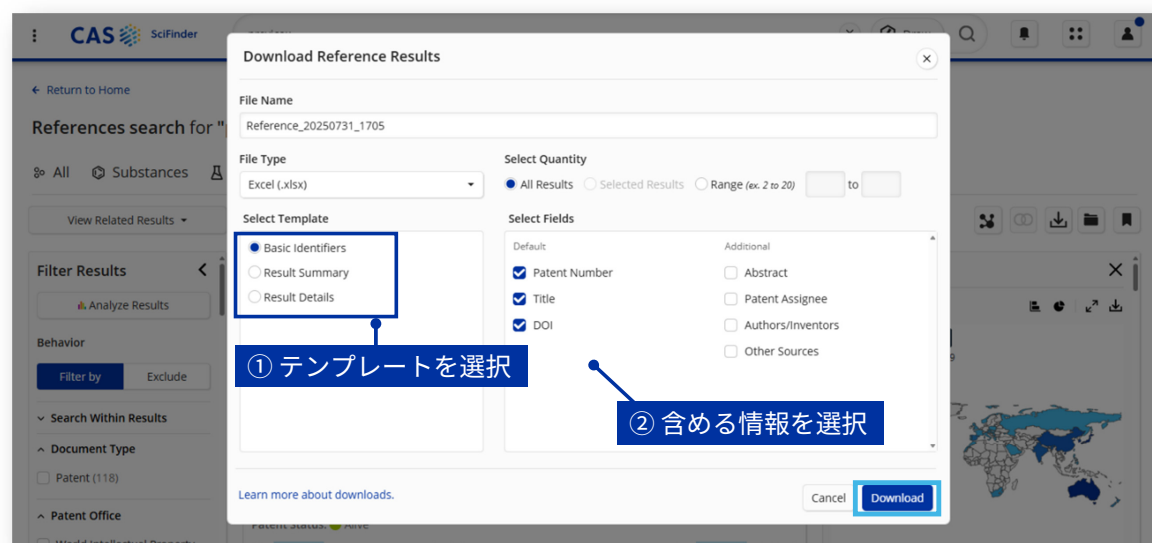
Number: 104925

優先サプライヤーを設定



# Export の強化

テンプレート機能が追加されダウンロードする情報を選択可能に



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