

2022.7 CAS SciFinderⁿ 新增功能与使用技巧

- ✓ CAS 词库 (CAS Lexicon) (P1-8)
- ✓ 结果页面新增 Combine 图标 (P8-12)
- ✓ 反应结果集中的反应式再编辑 (P13-14)
- ✓ 通过元素来筛选物质检索结果 (P15-16)
- ✓ 根据出版日期来排序反应结果 (17-18)

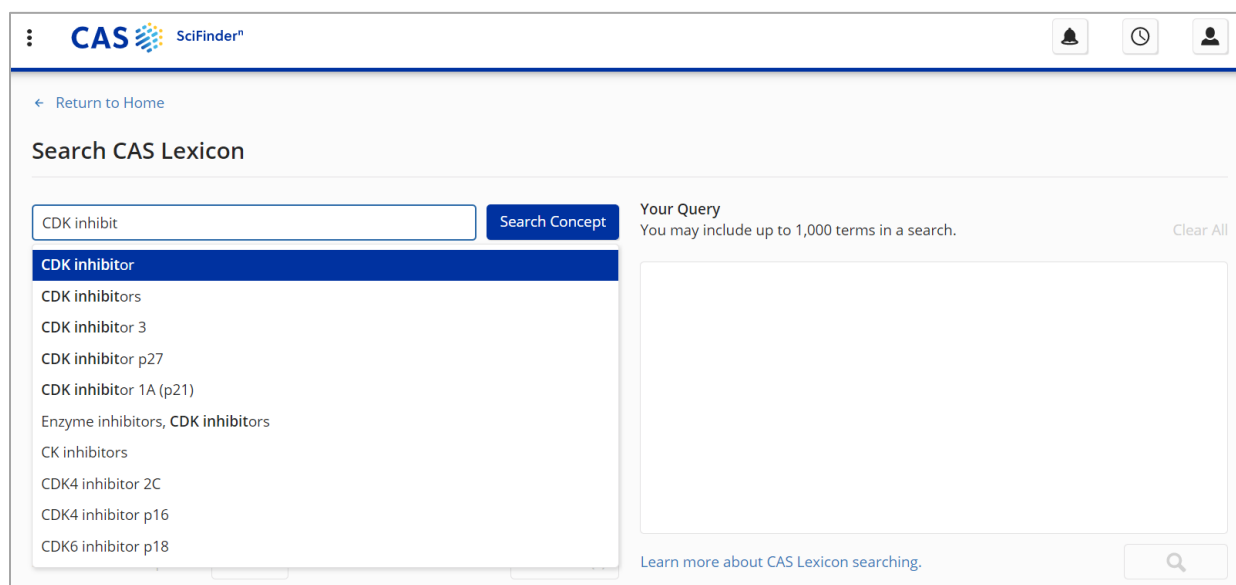
CAS SciFinderⁿ 使用技巧|CAS 词库 (CAS Lexicon)

CAS Lexicon Query Builder 让用户可以在 CAS 总的词库层级中浏览 CAS 科学家标引的概念词 (Concepts) 和物质, 并建立用于检索文献的检索式 (建立的检索式中最多可使用 1000 个词)。

1. 在 CAS SciFinderⁿ 主界面, 选择左侧 References, 点击位于页面中间的 Launch CAS Lexicon 即可打开 CAS 词库。

The screenshot displays the CAS SciFinderⁿ web interface. At the top, there is a navigation bar with the CAS SciFinderⁿ logo and utility icons for 'Saved and Alerts', 'History', and 'Account'. Below this is a blue banner with a message about CAS Formulus. The main content area is divided into two sections: 'Searching for...' on the left and 'References' on the right. The 'Searching for...' section contains a vertical list of search categories: All, Substances, Reactions, References (highlighted in blue), Suppliers, Biosequences, and Retrosynthesis. The 'References' section features a search bar with the placeholder 'Enter a query...', a 'Draw' button, and a search icon. Below the search bar is an 'Author Name' field with a dropdown arrow and a search icon, containing the text 'Enter last name, first name middle name.' and an example 'Example: Schubert, J A'. There is also an 'Add Advanced Search Field' button and a link to 'Learn more about SciFinderⁿ Advanced Search.' At the bottom of the 'References' section, a blue box highlights the 'Launch CAS Lexicon' button, which is accompanied by a text box explaining that CAS Lexicon enables users to browse the CAS General Thesaurus to find indexed concepts and substances to build a Reference query with up to 1,000 indexed search terms.

2. 在打开的页面输入框中输入感兴趣的词语，例如 CDK inhibit。输入词语后，页面将展示提示词，可根据需要来参考选用，例如 CDK inhibitor。



3. 点击输入框右侧 Search Concept，CAS SciFinder[®] 将提供多个与目标词语相近的词语供选择，选择其中一个概念词（concept）即可展开词库层级（如，选择 cyclin-dependent kinase inhibitors）。

← Return to Home

Search CAS Lexicon

CDK inhibitor Search Concept

Your Query
You may include up to 1,000 terms in a search. Clear All

Multiple preferred terms found, please select one concept to continue...

- Cyclin-dependent kinase inhibitors
- Cyclin-dependent kinase-inhibiting proteins
- Cyclin-dependent kinase-inhibiting protein CDKN1B
- Cyclin-dependent kinase-inhibiting protein CDKN1A
- Cyclin-dependent kinase-inhibiting protein CDKN3

Select a boolean operator: OR ▾ Add Term(s) [Learn more about CAS Lexicon searching.](#) Q

4. 在 Preferred Term 下方呈现其同义词，点击 view all synonyms，即可查看其所有的同义词。

点击下面的 Add Terms，可将选中的所有同义词加入右侧 Your Query 检索式构建栏中。

← Return to Home

Search CAS Lexicon

Cyclin-dependent kinase inhibitors Search Concept

Your Query
You may include up to 1,000 terms in a search. Clear All

^ Preferred Term

Cyclin-dependent kinase inhibitors
This will search synonyms: CDKI; CDK **inhibitor**; CDK **inhibitors**; **Cycli...**
View more synonyms

^ Broader Terms (1) Select All

Serine/threonine kinase inhibitors

^ Narrower Terms (14) Select All

4-[3-Chloro-5-(1-methylethyl)-1H-pyrazol-4-yl]-N-[5-[4-(dimethylamino)-1-piperidinyl]-2-pyridinyl]-2-pyrimidinamine

Select a boolean operator: OR ▾ Add Term(s) [Learn more about CAS Lexicon searching.](#) Q

Search CAS Lexicon

Cyclin-dependent kinase inhibitors **Your Query** Clear All
You may include up to 1,000 terms in a search.

^ Preferred Term

Cyclin-dependent kinase inhibitors
This will search synonyms: CDKi; CDK inhibitor; CDK inhibitors; Cyclin-dependent kinase inhibitor; Cyclin dependent kinase inhibitors; Enzyme inhibitors; CDK; Enzyme inhibitors; CDK inhibitors; Enzyme inhibitors; cyclin-dependent kinase; Enzyme inhibitors; cyclin-dependent kinase inhibitors
[View fewer synonyms](#)

^ Broader Terms (1) [Select All](#)

Serine/threonine kinase inhibitors

Select a boolean operator [Learn more about CAS Lexicon searching.](#)

Search CAS Lexicon

Cyclin-dependent kinase inhibitors **Your Query** Clear All
You may include up to 1,000 terms in a search.

^ Preferred Term

Cyclin-dependent kinase inhibitors
This will search synonyms: CDKi; CDK inhibitor; CDK inhibitors; Cycli...
[View more synonyms](#)

^ Broader Terms (1) [Select All](#)

Serine/threonine kinase inhibitors

^ Narrower Terms (14) [Select All](#)

4-[3-Chloro-5-(1-methylethyl)-1H-pyrazol-4-yl]-N-[5-[4-(dimethylamino)-1-piperidinyl]-2-pyridinyl]-2-pyrimidinamine

Cyclin-dependent kinase inhibitors

Select a boolean operator [Learn more about CAS Lexicon searching.](#)

5. 左侧词库层级中，还包括 Broader Terms, Narrower Terms 和 Related Terms。

每一个层级的词或物质都可以被选中，添加至右侧的 Your Query 检索式中。

Search CAS Lexicon

Cyclin-dependent kinase inhibitors **Your Query**
 You may include up to 1,000 terms in a search. [Clear All](#)

^ **Broader Terms (1)** Select All

Serine/threonine kinase inhibitors

^ **Narrower Terms (14)** Select All

4-[3-Chloro-5-(1-methylethyl)-1H-pyrazol-4-yl]-N-[5-[4-(dimethylamino)-1-piperidinyl]-2-pyridinyl]-2-pyrimidinamine

7-Hydroxystaurosporine

Abemaciclib

Alvocidib

Bemaciclib

Cyclin-dependent kinase inhibitors ×

Select a boolean operator [Learn more about CAS Lexicon searching.](#)

Search CAS Lexicon

Cyclin-dependent kinase inhibitors **Your Query**
 You may include up to 1,000 terms in a search. [Clear All](#)

7-Hydroxystaurosporine

Abemaciclib

Alvocidib

Bemaciclib

[View More](#)

^ **Related Terms (2)** Select All

Cyclin-dependent kinase

Cyclin-dependent kinase-inhibiting proteins

Cyclin-dependent kinase inhibitors ×

Select a boolean operator [Learn more about CAS Lexicon searching.](#)

6. 例如下面的示范：

- (1) 点击 Narrower Terms 右侧的 Select All，全部选中。
- (2) 并在左下角 Select a boolean operator 处选择布尔逻辑运算符（OR, AND, NOT），例如 OR，然后点击 Add Terms。
- (3) 这样，右侧 Your Query 栏就会将 preferred terms 和其同义词与 narrower terms 通过逻辑符 OR 构建了检索式。
- (4) 点击右下角的放大镜按钮，即可进行文献检索。

Search CAS Lexicon

Cyclin-dependent kinase inhibitors **Your Query** You may include up to 1,000 terms in a search. [Clear All](#)

^ **Broader Terms (1)** Select All

Serine/threonine kinase inhibitors

^ **Narrower Terms (14)** Select All

4-[3-Chloro-5-(1-methylethyl)-1H-pyrazol-4-yl]-N-[5-[4-(dimethylamino)-1-piperidinyl]-2-pyridinyl]-2-pyrimidinamine

7-Hydroxystaurosporine

Abemaciclib

Alvocidib

Bemaciclib

Cyclin-dependent kinase inhibitors X

Select a boolean operator [Learn more about CAS Lexicon searching.](#)

Search CAS Lexicon

Cyclin-dependent kinase inhibitors **Your Query** You may include up to 1,000 terms in a search. [Clear All](#)

^ **Broader Terms (1)** Select All

Serine/threonine kinase inhibitors

^ **Narrower Terms (14)** Deselect All

4-[3-Chloro-5-(1-methylethyl)-1H-pyrazol-4-yl]-N-[5-[4-(dimethylamino)-1-piperidinyl]-2-pyridinyl]-2-pyrimidinamine

7-Hydroxystaurosporine

Abemaciclib

Alvocidib

Bemaciclib

Cyclin-dependent kinase inhibitors X

Select a boolean operator [Learn more about CAS Lexicon searching.](#)

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Search CAS Lexicon

Cyclin-dependent kinase inhibitors **Your Query** You may include up to 1,000 terms in a search. [Clear All](#)

^ **Preferred Term**

Cyclin-dependent kinase inhibitors
This will search synonyms: CDKI; CDK **inhibitor**; CDK **inhibitors**; **Cycli...**
[View more synonyms](#)

^ **Broader Terms (1)** Select All

Serine/threonine kinase inhibitors

^ **Narrower Terms (14)** Select All

4-[3-Chloro-5-(1-methylethyl)-1H-pyrazol-4-yl]-N-[5-[4-(dimethylamino)-1-piperidinyl]-2-pyridinyl]-2-pyrimidinamine

Cyclin-dependent kinase inhibitors X

OR

Cyclin-dependent kinase inhibitors - Narrower Terms (14 Concepts) X

Select a boolean operator [Learn more about CAS Lexicon searching.](#)

7. 获得通过 CAS Lexicon Terms 检索的文献结果。

The screenshot displays the CAS SciFinder search results page. At the top, there is a search bar with the text "Enter a query..." and a "References" dropdown menu. Below the search bar, a blue box highlights the search results: "References search for 15 CAS Lexicon Terms". The interface includes navigation buttons for "Substances", "Reactions", and "Citing", along with icons for downloading, emailing, and saving alerts. A blue banner at the top right promotes "CAS Formulus®" as a comprehensive database and workflow solution. The main content area shows 8,293 results, sorted by Relevance, with a view of Full Abstracts. The first result is titled "CDK inhibitor Palbociclib targets STING to alleviate autoinflammation" by Gao, Jiani; Zheng, Mengge; Wu, Xiangyang; Zhang, Hang; Su, Hang; Dang, Yifang; Ma, Mingtong; Wang, Fei; Xu, Junfang; Chen, Li; et al. The abstract discusses the development of STING modulators for the therapy of STING-related diseases. The second result is titled "Biomarkers of response of tumors such as HR+, HER2- breast cancer to CDK4/6 inhibitors" by Bienkowska, Jadwiga Renata; Mu, Ximeng; Zhu, Zhou. The abstract mentions the World Intellectual Property Organization and relates to biomarkers, gene signatures, and methods for patient selection and treatment.

7. 在 CAS SciFinder[®] 主界面下方 Recent Search History 处，会呈现这条通过 CAS Lexicon 进行文献检索的记录，并显示检索词和逻辑符。可以点击 Rerun Search，进行刷新检索；也可点击 Edit Search，编辑检索式后再进行检索。

Searching for...

- All
- Substances
- Reactions
- References**
- Suppliers
- Biosequences
- Retrosynthesis

References

Search by Keyword, Substance Name, CAS RN, Patent Number, PubMed ID, AN, CAN, and/or DOI. [Learn More](#)

Enter a query... Draw

- Author Name Enter last name, first name middle name.

Example: Schubert, J A

+ Add Advanced Search Field [Learn more about SciFinder[®] Advanced Search.](#)

Launch CAS Lexicon CAS Lexicon enables you to browse the CAS General Thesaurus to find indexed concepts and substances to build a Reference query with up to 1,000 indexed search terms.

Recent Search History [View All Search History](#)

May 25, 2022





References 7:50 AM	CAS Lexicon (8,293 Results) Cyclin-dependent kinase inhibitors OR Cyclin-dependent kinase inhibitors - Narrower Terms (14)	Rerun Search Edit Search
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CAS SciFinder[®] 使用技巧|结果页面新增 Combine 图标

在 CAS SciFinder[®] 检索结果页面，新增 Combine 图标。可直接将当前页面的检索结果和同类型的历史保存结果进行 Combine 逻辑处理（包括合并、取交集和排除）。

1. 在 CAS SciFinder[®] 检索结果界面（包括文献、物质和反应检索结果），点击右上角 ，即可将当前界面中的检索结果与同类型的历史保存结果进行 Combine（包括合并、取交集和排除）。

References search for "silicone and hydrogel"

Substances Reactions Citing     Save and Alert

Based on your query, we've returned the most relevant results. Would you like to load the entire result set? [Learn about result relevance.](#)

[Load More Results](#)

Filter Behavior

[Filter by](#) [Exclude](#)

5,786 Results Sort: Relevance View: Partial Abstract





1

Silicone hydrogels for contact lens application
 By: Kunzler, Jay F.
 Trends in Polymer Science (Cambridge, United Kingdom) (1996), 4(2), 52-9 | Language: English, Database: CAPlus

A review, with 40 references The design of the ultimate extended wear contact lens has been pursued by many research organizations for the past 20 yr. Several approaches have been taken, including the design of high-water-content hydrogels and low-water-content silicone-based elastomers, both of which achieved little success. The most recent approach is the design of silicone-based hydrogels for extended wear contact lenses. The synthetic and formulation approaches that have been pursued in the design of silicone hydrogels are reviewed in this paper. The synthesis of hydrophilic block and graft...

[View More](#)

Substances search for drawn structure

References Reactions Suppliers     Save and Alert

Structure Match

As Drawn (10)

Substructure (416K)

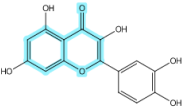
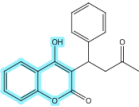
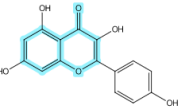
Similarity (24K)

Analyze Structure Precision





Chemescape Analysis

Visually explore structure similarity with a powerful new tool. [Learn more about Chemescape.](#)

416,620 Results Sort: Number of References: Descending View: Partial

<p>1</p> <p>117-39-5</p>  <p><chem>C15H10O7</chem> Quercetin</p> <p>58K References 1,118 Reactions 97 Suppliers</p>	<p>2</p> <p>81-81-2</p>  <p><chem>C19H16O4</chem> (±)-Warfarin</p> <p>30K References 544 Reactions 67 Suppliers</p>	<p>3</p> <p>520-18-3</p>  <p><chem>C15H10O6</chem> Kaempferol</p> <p>21K References 350 Reactions 110 Suppliers</p>
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Reactions search for drawn structure

References     Save and Alert

Structure Match

As Drawn (29)

Substructure (231)

Similarity (15K)

Filter Behavior

[Filter by](#) [Exclude](#)

Yield

90-100% (5)

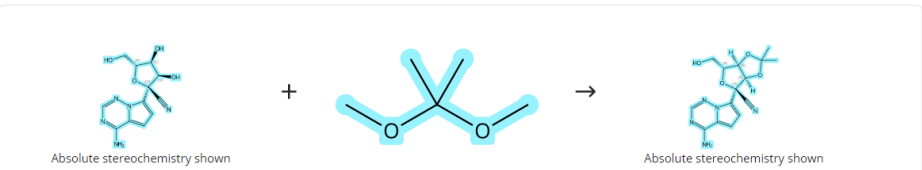
50-69% (4)

29 Results Group: By Document Sort: Publication Date: Newest View: Expanded

1

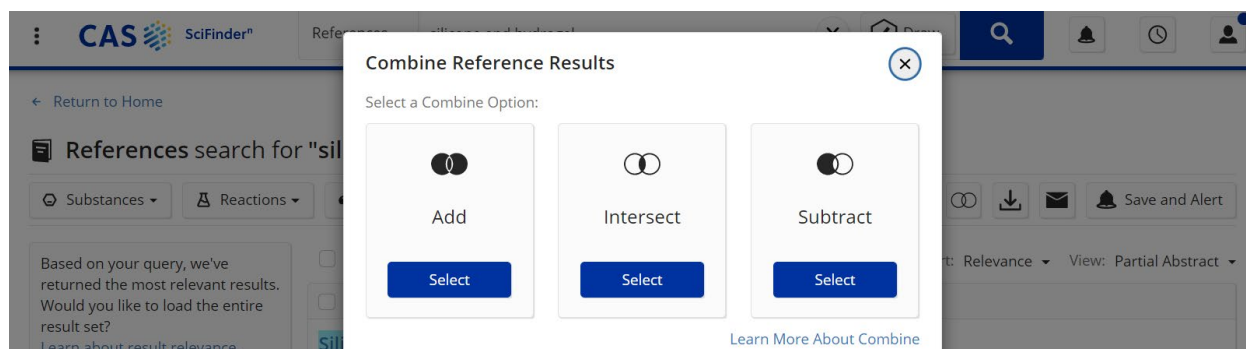
Dendrimer-drug conjugate
 By: Owen, David; Hufton, Richard; Halim, Rosliana
 World Intellectual Property Organization, WO2022040761 A1 2022-03-03 | Language: English, Database: CAPlus

[PatentPak](#) [Full Text](#)

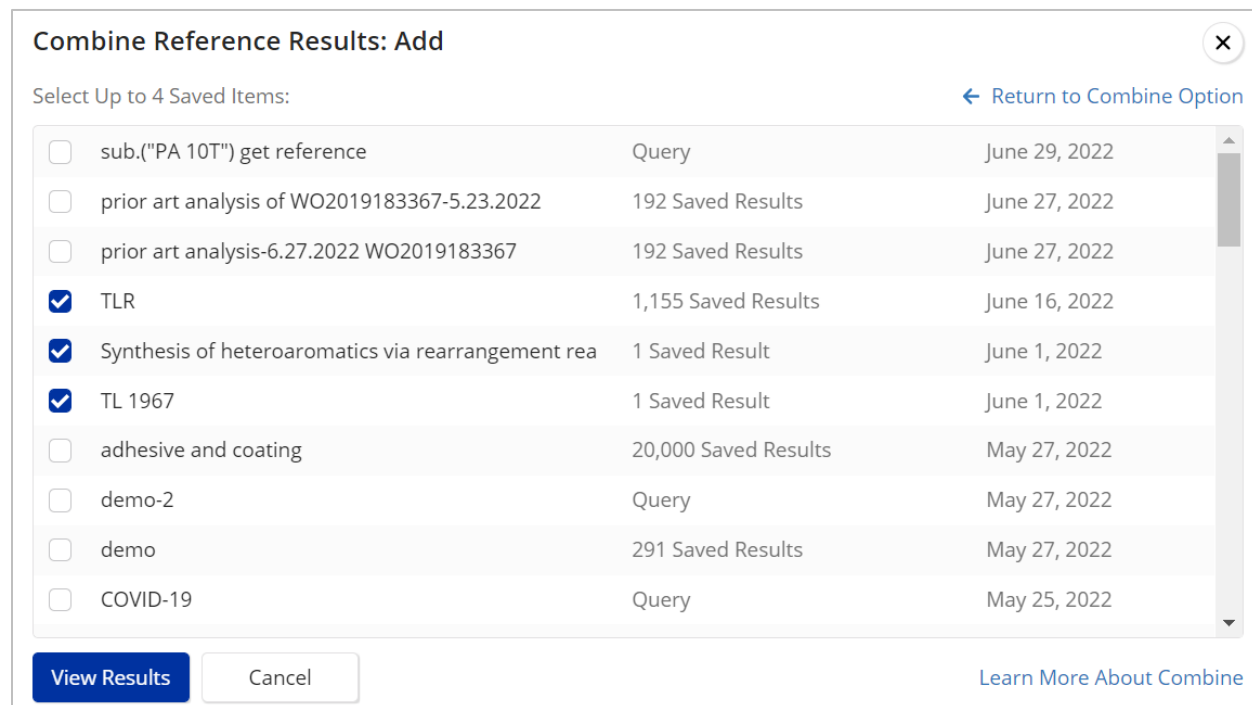


Absolute stereochemistry shown

2. 以文献结果集的 Combine 为例。在弹出窗口中，根据需要点击 Add（合并）、Intersect（取交集）或 Subtract（排除）下面的 Select，即可开始多个结果集的 Combine 逻辑处理。



3. 如果选择 Add 或 Intersect，最多可以在历史保存的结果中选择四项结果进行合并或取交集。选择完毕后，点击窗口左下角 View Results 后，就可以看到 Combine 后的结果集。



References from Combined Results

Substances Reactions Citing Save and Alert

Filter Behavior: Filter by Exclude

Document Type:

- Journal (2,850)
- Patent (4,019)
- Review (192)
- Clinical Trial (180)
- Commentary (14)

[View All](#)

6,943 Results Sort: Publication Date: Newest View: Partial Abstract

1

Qingwei San treats oral ulcer subjected to stomach heat syndrome in db/db mice by targeting TLR4/MyD88/NF-κB pathway
 By: Shi, Lu; An, Yongcheng; Cheng, Long; Li, Yiyang; Li, Huimin; Wang, Chen; Lv, Yinglan; Duan, Yuhui; Dai, Hongyu; He, Changhao; et al
 Chinese Medicine (London, United Kingdom) (2022), 17(1), 1 | Language: English, Database: CPlus and MEDLINE

Qingwei San (QWS), one of classic Chinese Medicine prescripts, has been widely used to treat stomach heat syndrome which manifests oral ulcer (OU), periodontitis and upper gastrointestinal bleeding for seven hundred years. However, the therapeutic effects of QWS on diabetic OU subjected to stomach heat syndrome are still ambiguous. In the study, we investigated the pharmacol. mechanisms. The main components of QWS aqueous extract were analyzed by LC-MS, and potential pathways of QWS targeting OU were predicted by network pharmacol. The db/db mice were administered with the decoction of dried 7...

[View More](#)

Combine Reference Results: Intersect

Select Up to 4 Saved Items: [Return to Combine Option](#)

Item	Count	Date
<input checked="" type="checkbox"/> silicone and hydrogel and polymer	Query	July 4, 2022
<input type="checkbox"/> sub.("PA 10T") get reference	Query	June 29, 2022
<input type="checkbox"/> prior art analysis of WO2019183367-5.23.2022	192 Saved Results	June 27, 2022
<input type="checkbox"/> prior art analysis-6.27.2022 WO2019183367	192 Saved Results	June 27, 2022
<input type="checkbox"/> TLR	1,155 Saved Results	June 16, 2022
<input type="checkbox"/> Synthesis of heteroaromatics via rearrangement rea	1 Saved Result	June 1, 2022
<input type="checkbox"/> TL 1967	1 Saved Result	June 1, 2022
<input type="checkbox"/> adhesive and coating	20,000 Saved Results	May 27, 2022
<input type="checkbox"/> demo-2	Query	May 27, 2022
<input type="checkbox"/> demo	291 Saved Results	May 27, 2022

[View Results](#) [Cancel](#) [Learn More About Combine](#)

References from Combined Results

Substances Reactions Citing Save and Alert

Filter Behavior: Filter by Exclude

Document Type:

- Journal (646)
- Patent (1,771)
- Review (56)
- Clinical Trial (8)
- Conference (7)

[View All](#)

2,427 Results Sort: Publication Date: Newest View: Partial Abstract

1

Characterization and analysis of extended-wear silicone hydrogel contact lenses utilizing novel silicone macromers
 By: Wuchte, Liana; DiPasquale, Stephen; Masterson, Ashlyn; Vance, Abigail; Goff, Jonathan; Arkles, Barry; Sulaiman, Santy; Byrne, Mark
 Journal of Biomedical Materials Research, Part A (2022), 110(8), 1512-1523 | Language: English, Database: CPlus and MEDLINE

Contact lenses are one of the most successful biomaterials in history with a global market estimated to be worth over \$17 billion in 2025. Silicone hydrogel contact lenses dominate the market and are complex biphasic biomaterials with several critical material properties needed for clin. use. Careful consideration of composition and chem. is needed to identify formulations of lenses meeting all com. standards with the potential for improved manufacturability, cost, and/or next generation use. Four silicone macromers were investigated in this work with varying symmetry of siloxane units and mac...

[View More](#)

4. 如果选择 Subtract，注意需要扣除的是当前界面显示的结果还是选中的历史保存结果。

(1) 选择窗口左下角的 Subtract the selected saved item from the current answer set，表示需
要将选中的这项历史保存结果从当前界面显示的结果中扣除。

(2) 选择窗口右下角的 Subtract the current answer set from the selected saved item，表示需
要将当前界面显示的结果从选中的历史保存结果中扣除。

Combine Reference Results: Subtract

Select 1 Saved Item: [← Return to Combine Option](#)

<input type="radio"/>	sub.("PA 10T") get reference	Query	June 29, 2022
<input type="radio"/>	prior art analysis of WO2019183367-5.23.2022	192 Saved Results	June 27, 2022
<input type="radio"/>	prior art analysis-6.27.2022 WO2019183367	192 Saved Results	June 27, 2022
<input type="radio"/>	TLR	1,155 Saved Results	June 16, 2022
<input checked="" type="radio"/>	Synthesis of heteroaromatics via rearrangement rea	1 Saved Result	June 1, 2022
<input type="radio"/>	TL 1967	1 Saved Result	June 1, 2022

Select 1 Saved Item to Subtract:

Subtract the selected saved item from the current answer set.

Subtract the current answer set from the selected saved item.

[View Results](#) [Cancel](#) [Learn More About Combine](#)

5. 获得 Combine 后的文献结果集。

References from Combined Results

Substances Reactions Citing [Save and Alert](#)

Filter Behavior: [Filter by](#) [Exclude](#)

Document Type: Journal (2,410) Patent (3,306) Review (165) Clinical Trial (177) Commentary (13) [View All](#)

5,786 Results | Sort: Publication Date: Newest | View: Partial Abstract

1

Effects of an oral mucosa protective formulation on chemotherapy- and/or radiotherapy-induced oral mucositis: a prospective study
By: Ueno, Takao; Yatsuoka, Wakako; Ishiki, Hiroto; Miyano, Kanako; Uezono, Yasuhito
BMC Cancer (2022), 22(1), 90 | Language: English, Database: CAlplus and MEDLINE

Oral mucositis (OM) associated with cancer treatment not only impairs patients' quality of life but also causes treatment delays or changes. This prospective exploratory study was conducted to evaluate the efficacy of Episil oral liquid, which is an approved protective formulation for the oral mucosa in patients with OM. The extent of the pain-relieving effect, feeling during use, and adverse events or problems were evaluated. In total, 10 Japanese cancer patients with OM receiving chemotherapy, pretreatment therapy for hematopoietic stem cell transplantation, or radiation therapy for head and...

[View More](#)

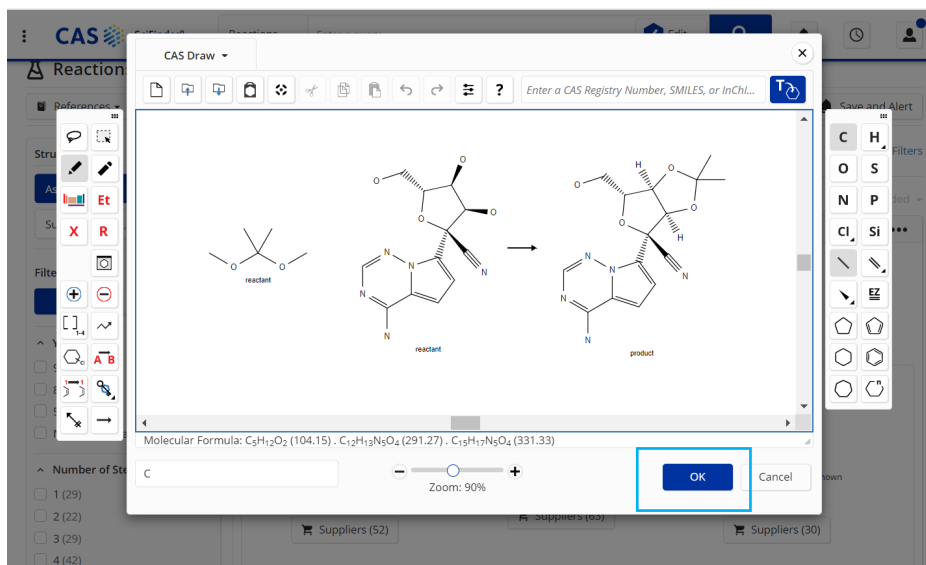
CAS SciFinder[®] 使用技巧|反应结果集中的反应式再编辑

在 CAS SciFinder[®] 反应检索结果页面，新增将结果集中的反应式导入结构面板 CAS Draw 中再编辑功能。导入 CAS Draw 后，可以直接使用导入的反应式进行新的反应检索，也可以编辑此反应式进行新的反应检索。

1. 在 CAS SciFinder[®] 反应结果界面，点击某条反应的右上角图标（⋮），再点击 Send to Structure Editor 即可将此反应的反应式导入 CAS Draw 结构面板。

The screenshot displays the 'Reactions search for drawn structure' interface. On the left, there are filter options for 'Structure Match' (As Draw: 207, Substructure: 1,004) and 'Filter Behavior' (Filter by, Exclude). Below these are filters for 'Yield' (90-100%, 80-89%, 50-69%, No Yield Available) and 'Number of Steps' (1, 2, 3). The main search area shows 'Filtering: Stereochemistry: Absolute Stereo Match' and '198 Results'. A specific reaction is highlighted: 'Dendrimer-drug conjugate' by Owen, David; Hufton, Richard; Halim, Rosliana, with a patent reference WO2022040761 A1. The reaction scheme shows a dendrimer structure reacting with a cyclic ether to form a conjugate. A blue box highlights the three-dot menu icon in the top right corner of the reaction card, with a 'Send to Structure Editor' button appearing below it. Below the reaction scheme are 'Suppliers' buttons for each component: 52 for the dendrimer, 63 for the cyclic ether, and 30 for the conjugate.

2. 此反应式已导入 CAS Draw 结构面板。可直接使用这条反应式，也可对其进行编辑后再检索。点击结构面板右下角的 OK, 上载反应式。



3. 将反应式上传完毕后，点击编辑面板右侧的放大镜，进行反应检索，最后获得新的反应结果集。

CAS SciFinder[®] Reactions Enter a query...

Return to Home

Reactions search for drawn structure

References

Structure Match

- As Drawn (29)
- Substructure (231)
- Similarity (15K)

Filter Behavior

Filter by Exclude

Yield

- 90-100% (5)
- 50-69% (4)
- No Yield Available (20)

Number of Steps

- 1 (22)
- 2 (1)

29 Results Group: By Document

Start Retrosynthetic Analysis

Dendrimer-drug conjugate

By: Owen, David; Hufton, Richard; Halim, Rosliana
World Intellectual Property Organization, WO2022040761 A1 2022-03-03 | Language: English, Database: CAPlus

PatentPak Full Text

Absolute stereochemistry shown

Suppliers (52) Suppliers (63) Suppliers (30)

Reaction Summary Steps: 1

CAS SciFinderⁿ 使用技巧|通过元素来筛选物质检索结果

在 CAS SciFinderⁿ 物质检索结果页面，新增元素筛选项，即可根据物质中的元素类型来筛选物质结果集。氢及其同位素单独分开显示，其他原子及其对应的同位素合并一起显示。

1. 在 CAS SciFinderⁿ 物质结果界面，通过左侧 Filter Behavior 下面的 Element 可根据物质中的元素类型来筛选物质结果集。

The screenshot displays the CAS SciFinderⁿ search results interface. On the left is a 'Filter Behavior' sidebar with a 'Filter by' button and an 'Exclude' button. Below these are several filter categories: 'Reaction Role', 'Reference Role', 'Commercial Availability', 'Number of Components', 'Molecular Weight', and 'Stereochemistry'. The 'Element' filter is expanded, showing checkboxes for C (416K), O (416K), H (416K), N (248K), and F (73K), along with a 'View All' link. The main area shows six chemical compound cards, each with a chemical structure, name, molecular formula, and statistics for references, reactions, and suppliers.

Compound ID	Chemical Name	Molecular Formula	References	Reactions	Suppliers
480-41-1	Naringenin	C ₁₅ H ₁₂ O ₅	11K	424	62
83-79-4	Rotenone	C ₂₃ H ₂₂ O ₆	10K	198	76
520-26-3	Hesperidin	C ₂₈ H ₃₄ O ₁₅	10K	194	110
529-44-2	Myricetin	C ₁₅ H ₁₀ O ₈	7		
10236-47-2		C ₂₇ H ₃₂ O ₁₄	8		
480-19-3	Isorhamnetin	C ₁₆ H ₁₂ O ₇	9		

2. 点击 View All，展开元素筛选窗口，可对元素进行单选或多选。选择完毕后，点击窗口左下角 Apply，即可获得精炼后的物质结果。

注：氢(H)及其同位素（D 或 T）单独分开显示，其他原子及其对应的同位素合并一起显示。

Element

By Count | Alphanumeric

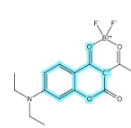
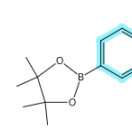
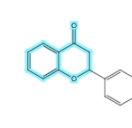
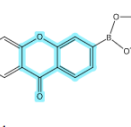
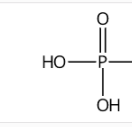
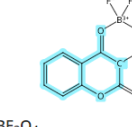
<input type="checkbox"/> F (73K)	<input type="checkbox"/> Cr (53)	<input type="checkbox"/> Sb (15)
<input type="checkbox"/> Cl (66K)	<input type="checkbox"/> Cd (52)	<input type="checkbox"/> Tm (15)
<input type="checkbox"/> S (38K)	<input type="checkbox"/> La (44)	<input type="checkbox"/> Yb (15)
<input type="checkbox"/> Br (15K)	<input type="checkbox"/> Pt (44)	<input type="checkbox"/> Ti (12)
<input type="checkbox"/> I (1,369)	<input type="checkbox"/> Hg (41)	<input type="checkbox"/> Ge (11)
<input checked="" type="checkbox"/> Si (1,099)	<input type="checkbox"/> T (38)	<input type="checkbox"/> Mo (11)
<input checked="" type="checkbox"/> P (1,086)	<input type="checkbox"/> Sm (37)	<input type="checkbox"/> Sc (11)
<input type="checkbox"/> Na (839)	<input type="checkbox"/> Nd (36)	<input type="checkbox"/> Te (11)
<input type="checkbox"/> Cu (518)	<input type="checkbox"/> Ir (34)	<input type="checkbox"/> Ho (10)
<input checked="" type="checkbox"/> B (498)	<input type="checkbox"/> Be (33)	<input type="checkbox"/> Ag (8)
<input type="checkbox"/> D (366)	<input type="checkbox"/> Gd (32)	<input type="checkbox"/> Sr (8)

Apply | Cancel

Filter Behavior

Filter by | Exclude

- Reaction Role
- Reference Role
- Commercial Availability
- Number of Components
- Molecular Weight
- Stereochemistry
- Element
 - C (416K)
 - O (416K)
 - H (416K)
 - N (248K)
 - F (73K)
 - Si (1,099)
 - P (1,086)
 - B (498)
 - [View All](#)
- Substance Class

References	Reactions	Suppliers
<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
<p>1097257-23-2</p>  <p>C₁₅H₁₆BF₂NO₄ (7-4)-[3-(Acetyl-κO)-7-(diethylamino)-2H-1-benzopyran-2,4(3H)-dionato-κO⁴]difluo...</p> <p>15 References 41 Reactions 0 Suppliers</p>	<p>1421659-47-3</p>  <p>C₁₅H₁₉BO₄ 2,3-Dihydro-6-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-4H-1-benzopyran-4-on...</p> <p>13 References 23 Reactions 12 Suppliers</p>	<p>1386386-38-4</p>  <p>C₁₅H₁₃BO₄ B-[4-(3,4-Dihydro-4-oxo-2H-1-benzopyran-2-yl)phenyl]boronic acid</p> <p>12 References 23 Reactions 1 Supplier</p>
<input type="checkbox"/> 7	<input type="checkbox"/> 8	<input type="checkbox"/> 9
<p>1989596-86-2</p>  <p>C₁₉H₁₉BO₄ 3-(4,4,5,5-Tetramethyl-1,3,2-dioxaborolan-2-yl)-9H-xanthen-9-one</p>	<p>121708-83-6</p>  <p>HO-P(=O)(OH)-OH</p>	<p>119634-43-4</p>  <p>C₁₁H₇BF₂O₄ (7-4)-[3-(Acetyl-κO)-2H-1-benzopyran-2,4(3H)-dionato-κO⁴]difluoroboron</p>

CAS SciFinder[®] 使用技巧|根据出版日期来排序反应结果

在 CAS SciFinder[®] 反应检索结果页面，新增根据出版日期对结果进行排序的功能，即可以根据需要优先查看最新报道的反应或者是过往的经典反应。

1. 在 CAS SciFinder[®] 反应结果界面，点击右上角 Sort 旁的箭头，点击 Publication Date: Oldest 或 Newest，即可将反应结果根据出版的早晚进行排序。

The screenshot displays the CAS SciFinder[®] Reactions search results page. The interface includes a search bar at the top with the text "Enter a query...". Below the search bar, there are navigation options like "Return to Home" and "Reactions search for drawn structure". The main content area shows search results for "Stereochemistry: Absolute Stereo Match". A dropdown menu is open, showing sorting options: "Relevance", "Publication Date: Newest", and "Publication Date: Oldest". The "Publication Date: Newest" option is highlighted. Below the search results, there is a chemical reaction scheme showing the synthesis of a complex molecule from a starting material and a reagent. The reaction is labeled "Therapeutic efficacy of the small molecule GS-5734 against E..." and includes the authors' names and the journal information: "Nature (London, United Kingdom) (2016), 531(7594), 381-385 | Language: English, Database: CAPlus and MEDLINE".

2. 获得反应公开日期从新到旧的排序结果，从而可以优先查看最新报道的反应。

Reactions search for drawn structure

References

Save and Alert

Structure Match

As Drawn (207)

Substructure (1,004)

Filter Behavior

Filter by

Exclude

Yield

- 90-100% (6)
- 80-89% (2)
- 50-69% (6)
- No Yield Available (184)

Number of Steps

- 1 (29)
- 2 (22)
- 3 (29)
- 4 (42)
- 5 (44)
- 6-10 (18)

Non-Participating Functional Groups

Filtering: Stereochemistry: Absolute Stereo Match

Clear All Filters

198 Results

Group: By Document

Sort: Publication Date: Newest

View: Expanded

1

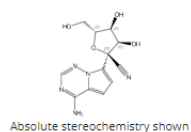
Dendrimer-drug conjugate

By: Owen, David; Hufton, Richard; Halim, Rosliana

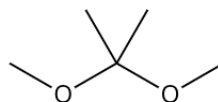
World Intellectual Property Organization, WO2022040761 A1 2022-03-03 | Language: English, Database: CAplus

PatentPak

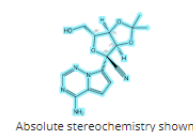
Full Text



+



→



Suppliers (52)

Suppliers (63)

Suppliers (30)

Reaction Summary

Steps: 1

1.1 Reagents: [Sulfuric acid](#)

Solvents: [Acetone](#): 10 min, rt; 30 min, 50 °C; 50 °C → rt; 18 h, rt

1.2 Reagents: [Sodium bicarbonate](#)

Solvents: [Water](#): 30 min, rt