

American Chemical Society

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大纲

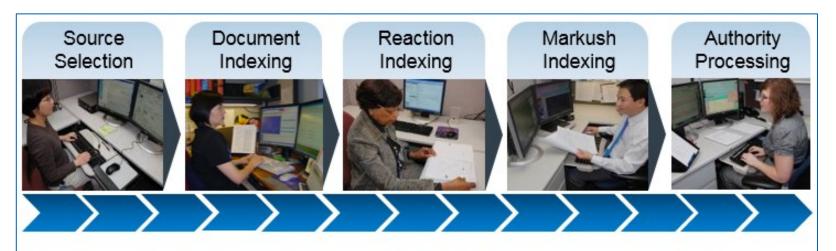
> CAS 与 CAS SciFinder Discovery Platform (Academic) 简介

- > 科研信息的高效查阅
 - 如何拓展文献调研?
 - 如何调研某类物质?
 - 如何调研反应信息?
 - 怎么查、怎么选具体的实验方案?
- ▶常见问题





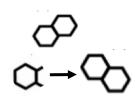
CAS 科学家智力标引

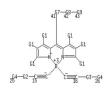


Proprietary, standardized indexing in CAS databases ensures consistent, comprehensive search results.









Androst-4-en-3-one, 17-hydroxy-17methyl-, (17β)-



Data pre-repository

CAS 科学家利用人类智慧对公开内容进行揭示,使相关信息更容易被挖掘



CAS具有最全面的学科连接内容合集

COSMETIC FORMULATIONS

INFRARED DATA ANALYTICAL METHODS PROTOCOLS GLOBAL REGULATIONS SPECTRAL DATA STRUCTURES REACTIONS PHARMACOLOGY / TOXICOLOGY **PROCESSES** STRUCTURE-ACTIVITY-RELATIONSHIP **INGREDIENT FUNCTIONS PROPERTIES** IP CLAIMS **DNA / RNA SEQUENCES** MARKUSH DISEASES **UVCB SUBSTANCES CELL LINES / TYPES POLYMER PROPERTIES NMR DATA FORMULATIONS BIOMOLECULE ISOLATION** AGRICULTURE FORMULATIONS **TARGETS MASS SPEC DATA PROTOCOLS ORGANOMETALLICS / INORGANICS** BIOASSAYS

Over
50K
scientific journals
and documents

Over
279
million substances

50 languages translated

109
patent offices worldwide



ACTIVE PHARMA INGREDIENT

CAS SciFinder Discovery Platform 涵盖的工作流程解决方案



新一代的权威科学研究工具,是化学及相关学科智能研究平台, 提供全球全面、可靠的化学及相关学科研究信息和分析工具



专业的配方数据库, 助力配方研究科学家快速评估配方、寻找可替代供应商和探索监管信息

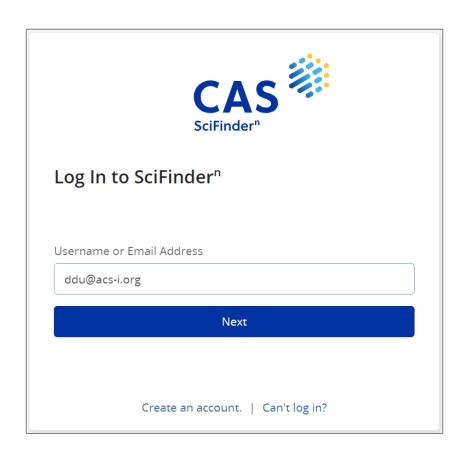


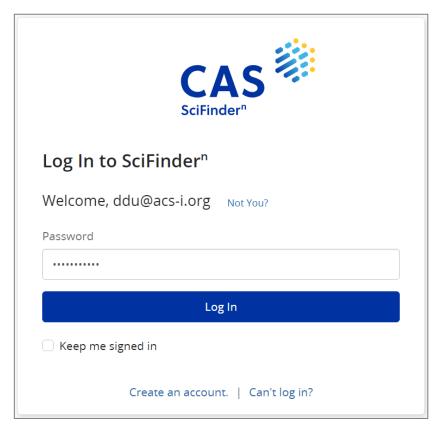
独特的分析方法详情数据库,有助于分析科学家快速获取详尽的分析方法信息、直接用于实验,并启发新方法的建立



CAS SciFinderⁿ 登录

https://scifinder-n.cas.org



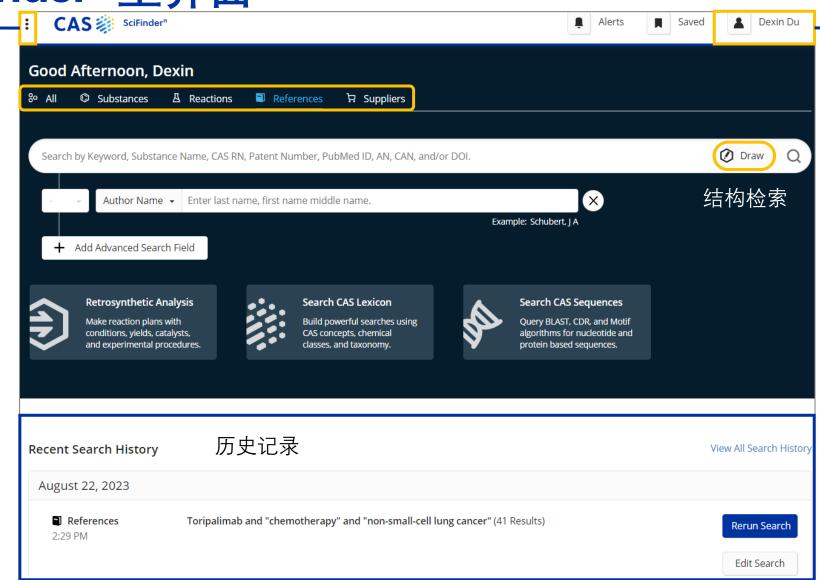




CAS SciFindern 主界面



CAS 应用



What's New?
Help and Support
My CAS Profile
Settings
Log Out

账户信息



大纲

➤ CAS 与 CAS SciFinder Discovery Platform (Academic) 简介

- > 科研信息的高效查阅
 - 如何拓展文献调研?
 - 如何调研某类物质?
 - 如何调研反应信息?
 - 怎么查、怎么选具体的实验方案?
- ▶常见问题





如何拓展文献检索?

- 主题词怎么选择?如何构建?
- 研究某结构相关的文献?
- 如何筛选文献?追踪最新进展?
- 关注某篇文献的被引文献和引文——引文地图



检索目标课题研究文献

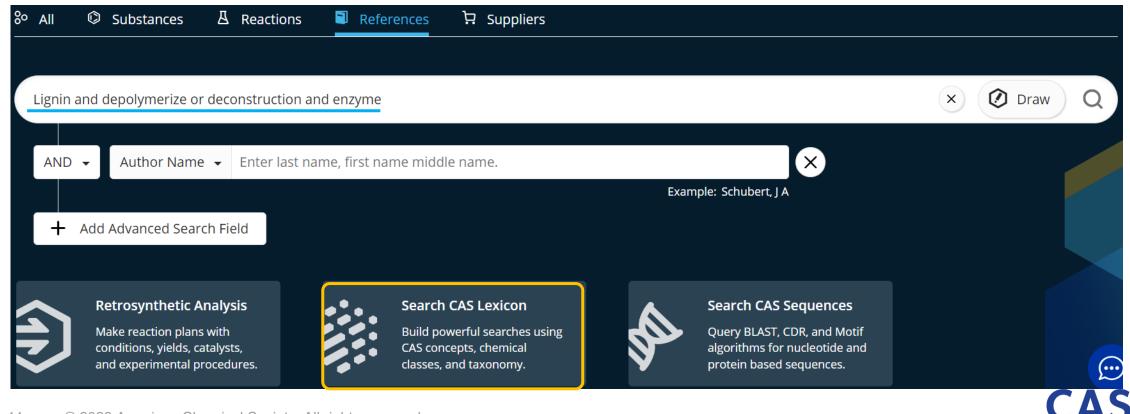
主题词、物质名称、CAS 登记号、专利号、PubMed ID、文献号、DOI 号



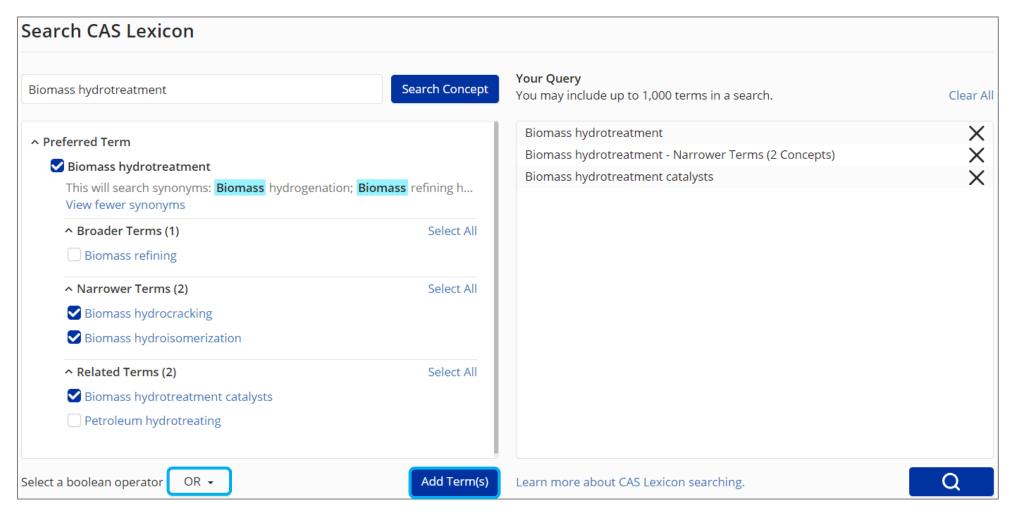


利用布尔逻辑运算符 & 通配符精准检索相关文献

- 支持布尔逻辑运算符 (or/and/not),默认运算顺序 or > and > not
- ""不允许词形变化,但可出现单数或复数; ()优先运算,括号中表达式还可以和其他术语交互
- 支持通配符 * 或 ?, * 代表 0 或多个字符, ? 代表 0 或 1 个字符



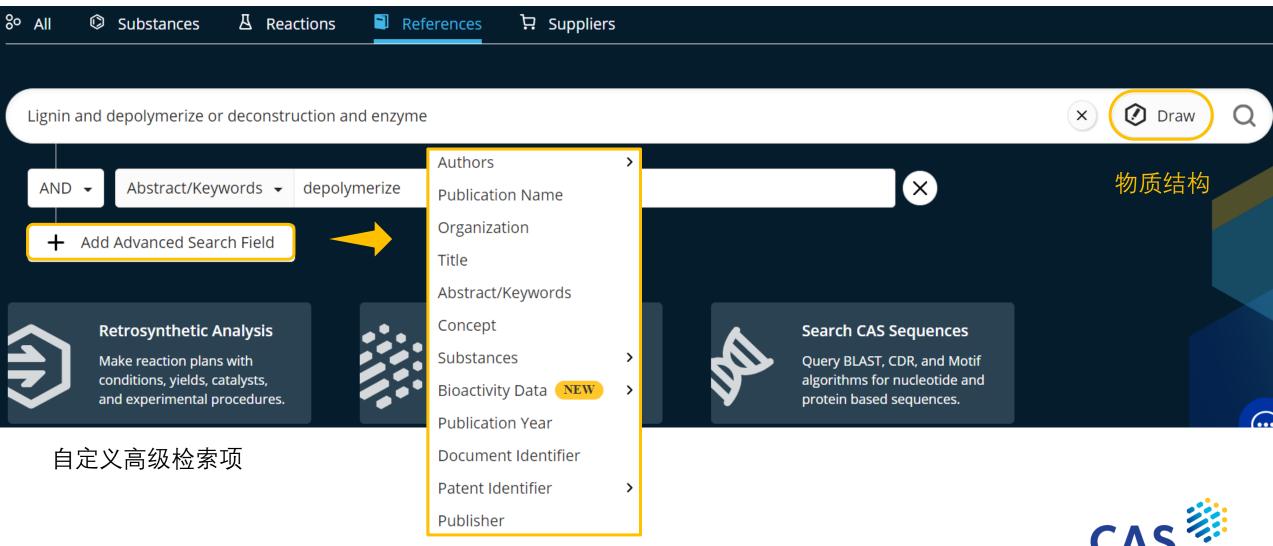
CAS Lexicon 词库检索近义词和相关技术术语



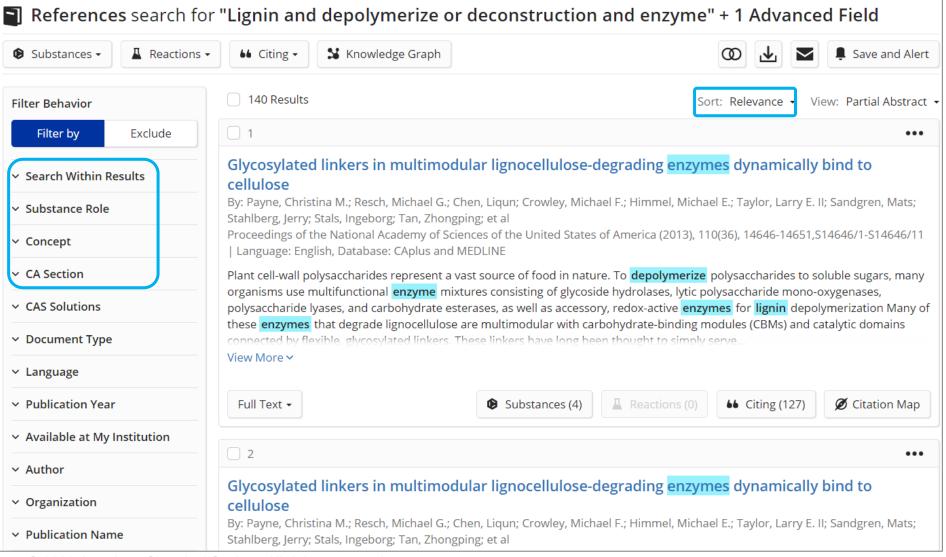
- Preferred Terms
- Broader Terms
- Narrower Terms
- Related Terms



根据作者/出版物/研究机构/物质结构检索相关文献



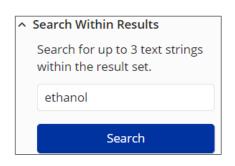
检索结果分析与筛选

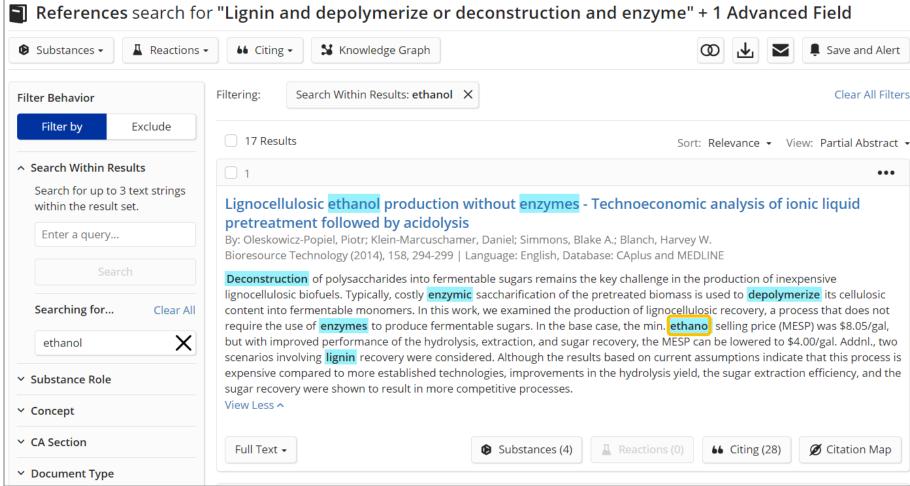






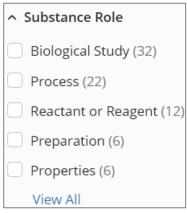
结果集二次检索研究内容: Search Within Results







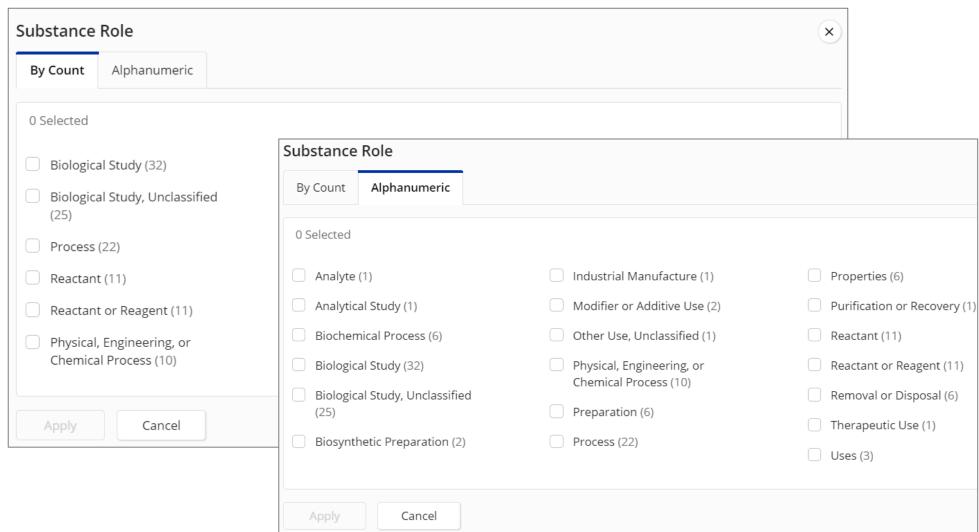
物质角色筛选文献: Substance Role



排序:

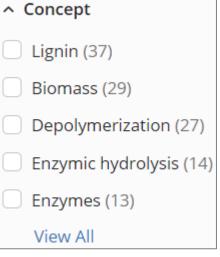
文献数量

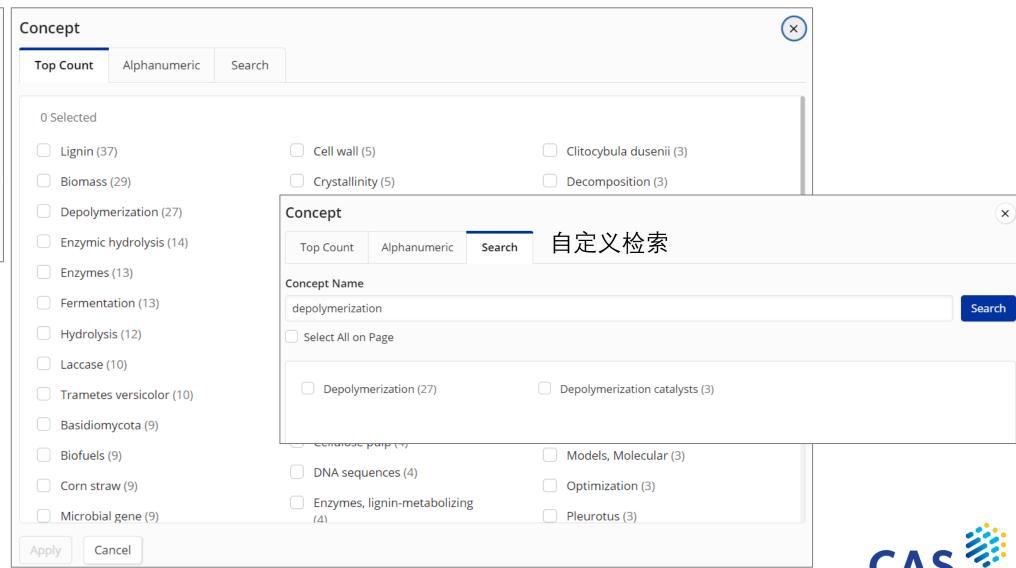
字母顺序





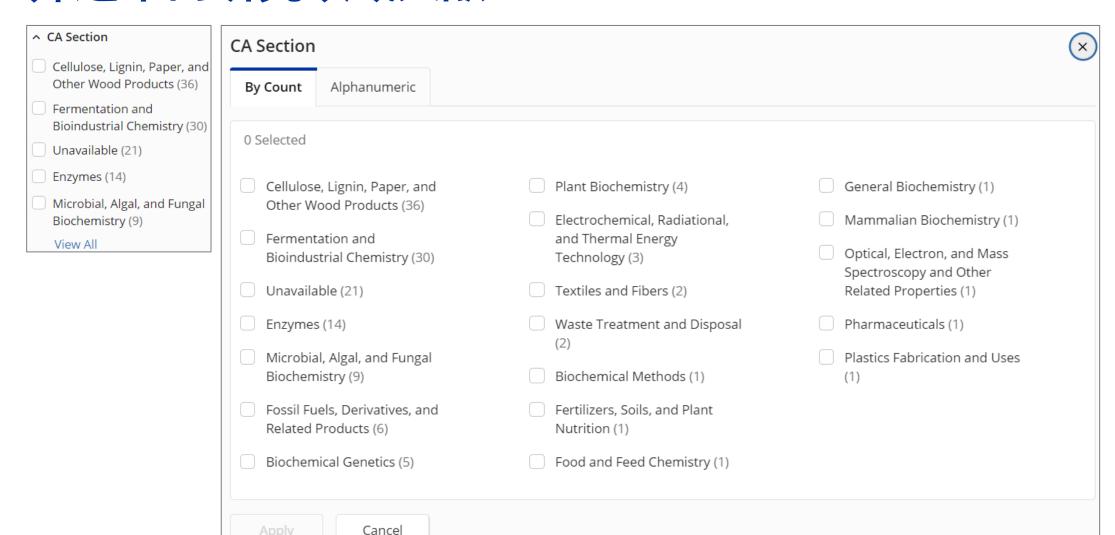
确定文献核心研究内容: Concept





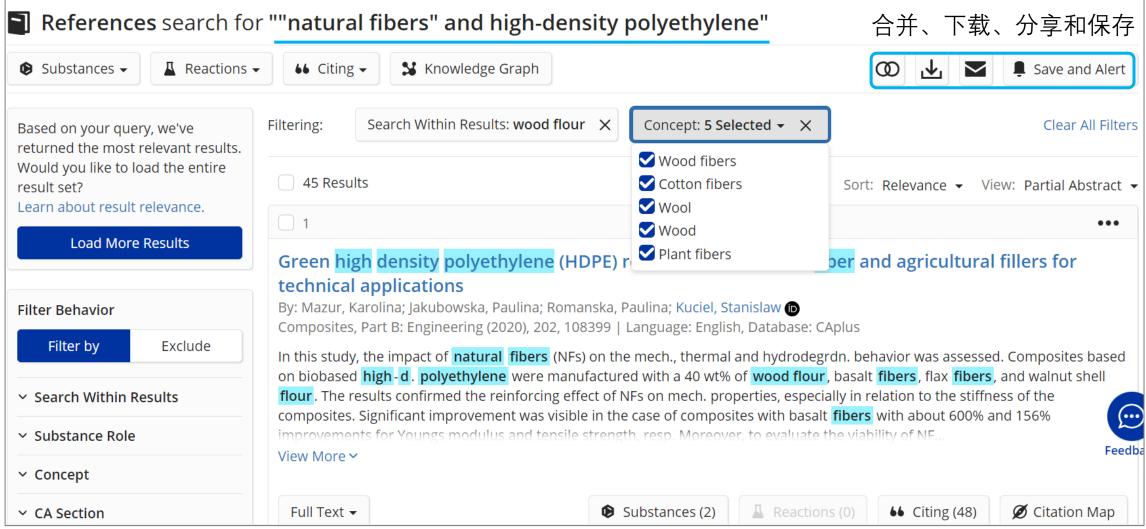


筛选不同研究领域文献: CA Section





文献结果集管理





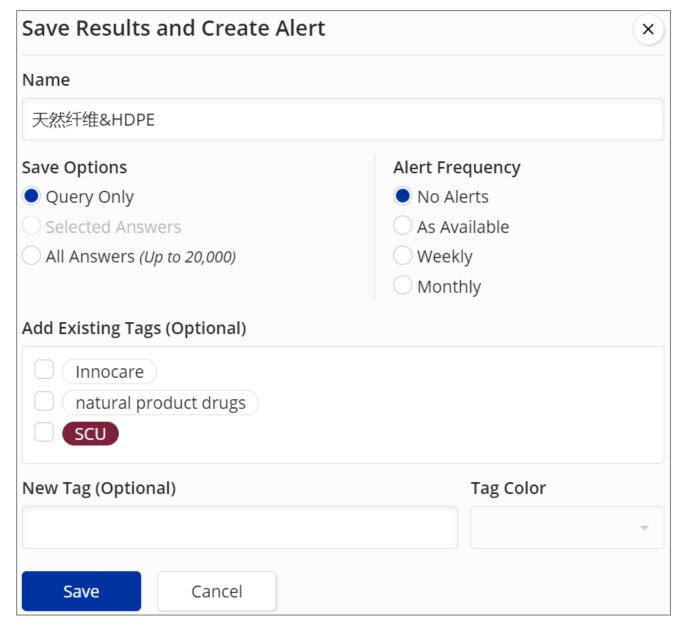
保存和提醒











- > 结果保存
- > 自定义提醒频率
- > 标签分类



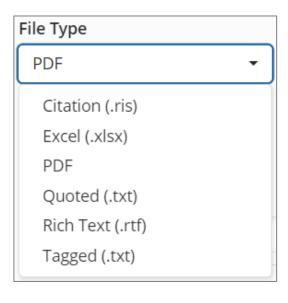
下载

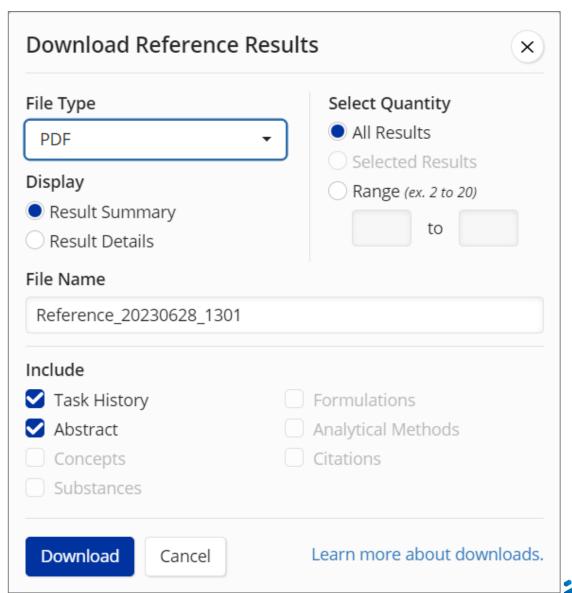












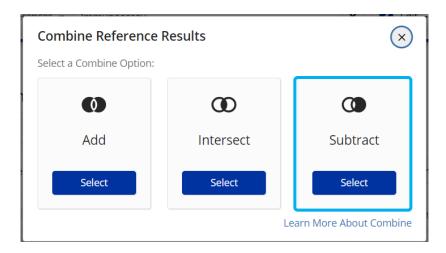
合并



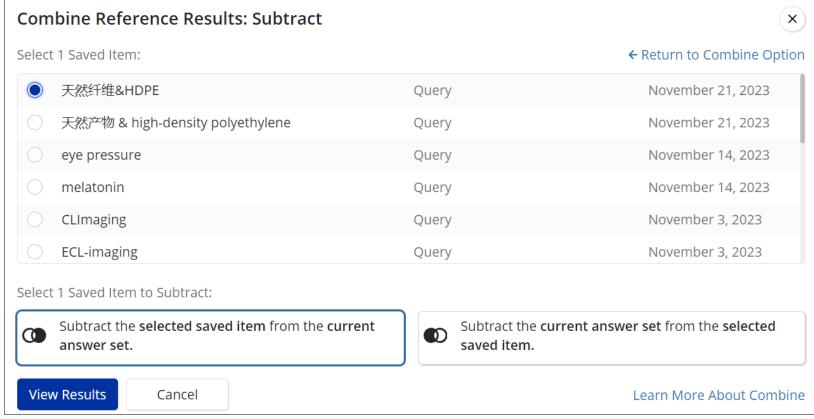






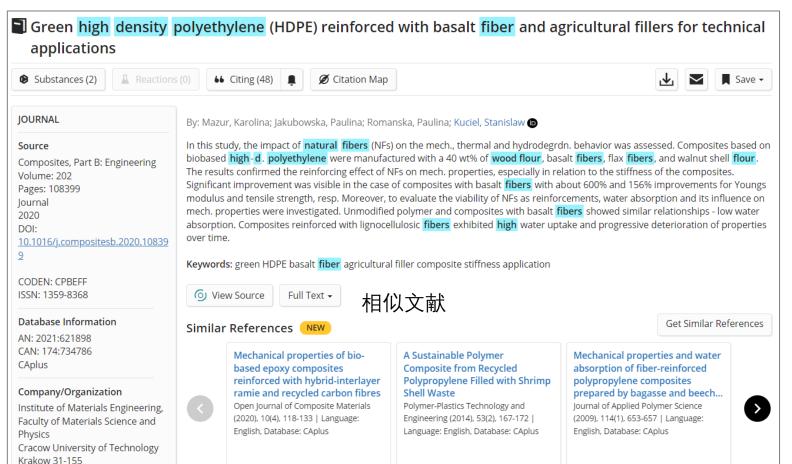


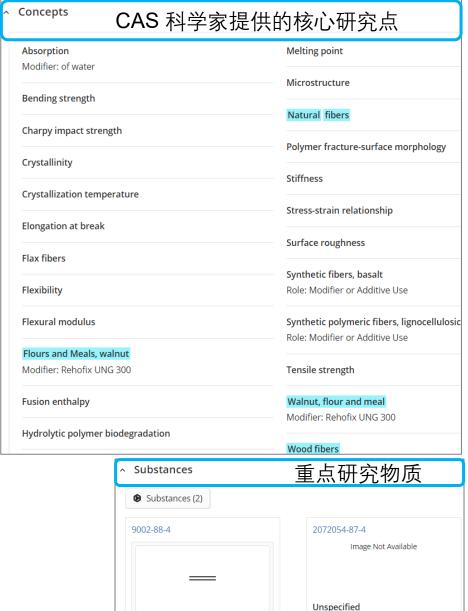
- ▶ 并集
- ▶ 交集
- ▶ 差集





查看目标文献详情





(C₂H₄)_x Polyethylene

Notes: SHC 7260

物质角色

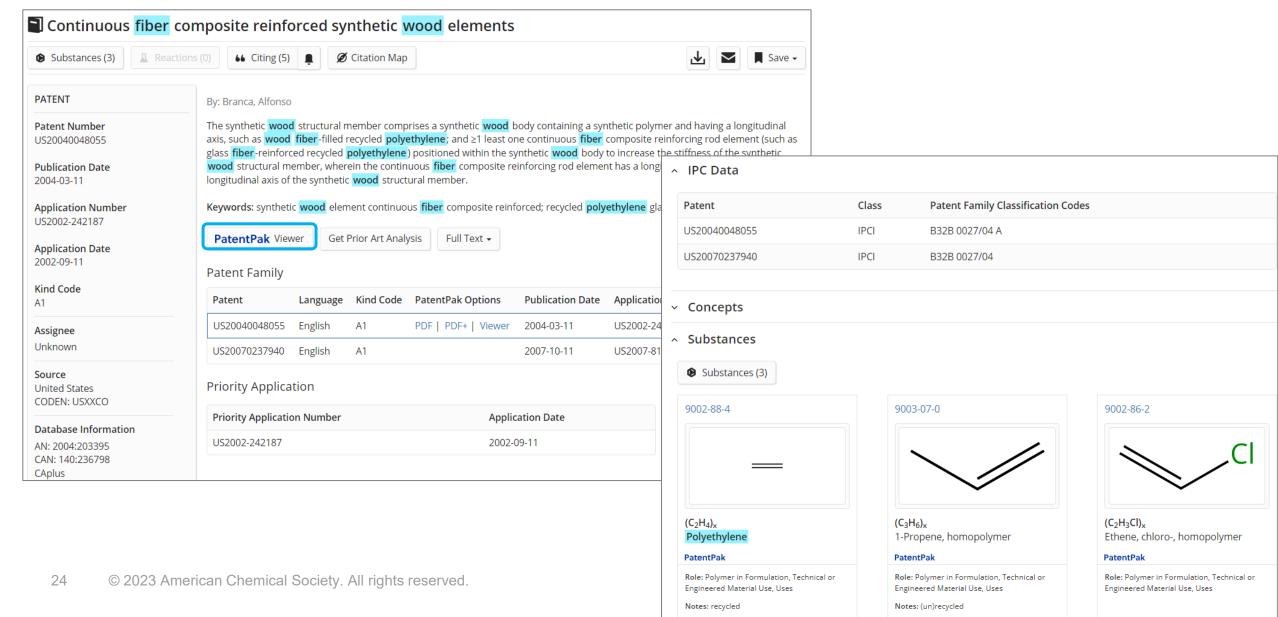
Role: Polymer in Formulation, Properties,

Rehofix UNG 300

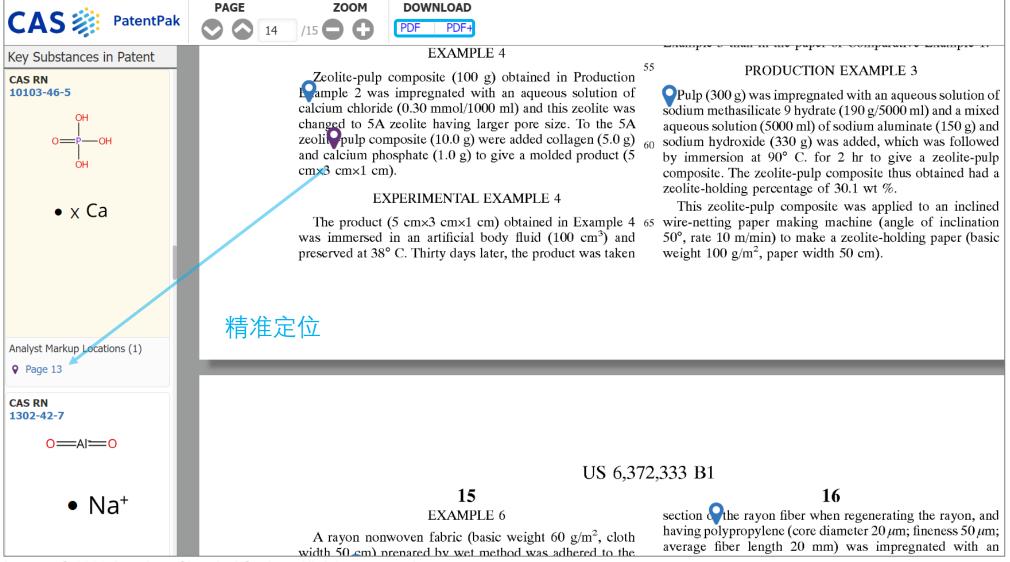
Role: Modifier or Additive Use, Uses
Notes: Rehofix UNG 300

Poland

查看专利详情



PatentPak Viewer 高效阅读专利





小结

- 1. 检索词的构建:使用布尔逻辑算符及通配符连接主题词, CAS Lexicon 丰富选词
- 2. 利用高级检索选项以及文本与结构联合进行自定义组合检索
- 3. 通过聚类筛选工具快速获得目标文献
- 4. 利用引文地图拓展检索
- 5. 使用 PatentPak 高效阅读专利

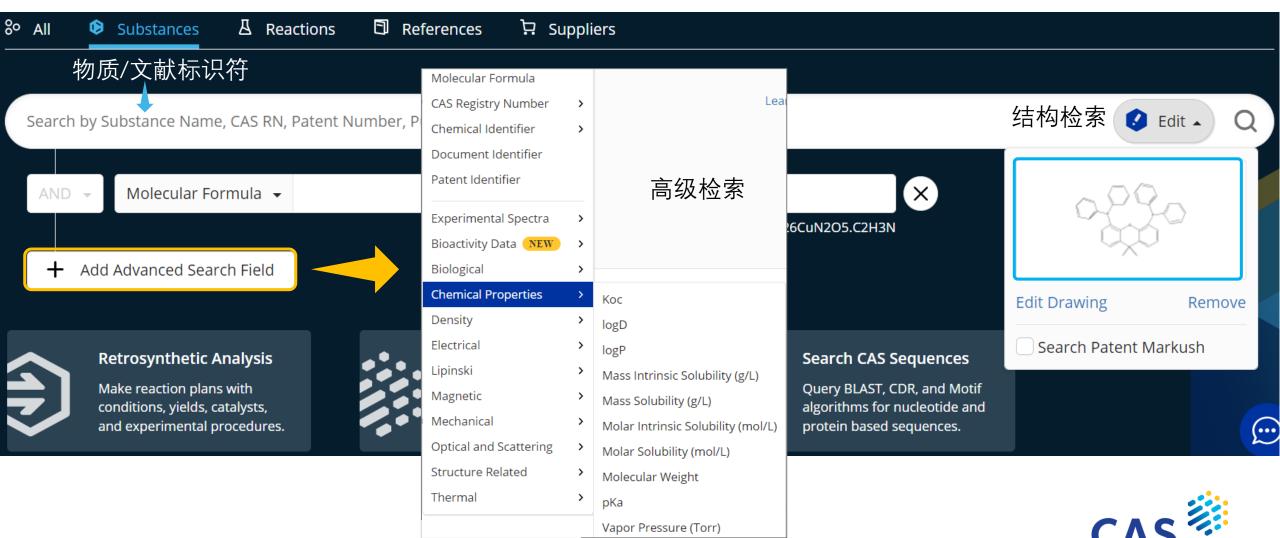


如何调研某类物质?

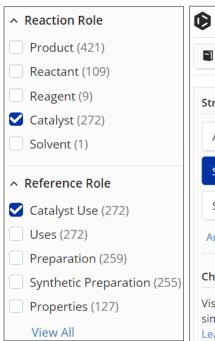
- 快速检索聚合物或无机化合物?
- 利用谱图数值确认产物或杂质? 从属性值出发, 调研某类材料?
- 检索完整分子结构? 通式结构? 或含有某些片段的物质?
- 如何确认结构新颖性?
- 如何查找相似的序列?

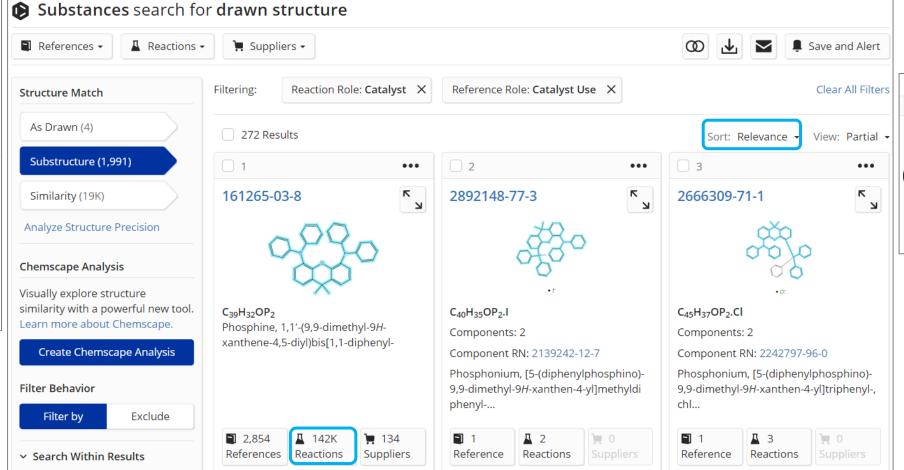


检索实验所需物质



筛选可用作催化剂的物质







Sort: Relevance

Relevance

CAS RN: Ascending

CAS RN: Descending

Number of Suppliers

Molecular Formula: Ascending

Molecular Formula: Descending

Molecular Weight: Ascending

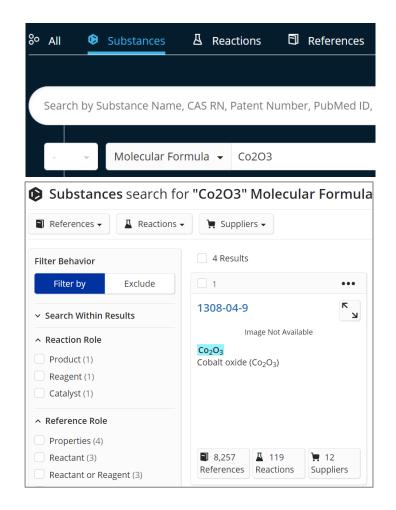
Molecular Weight: Descending

Number of References: Ascending

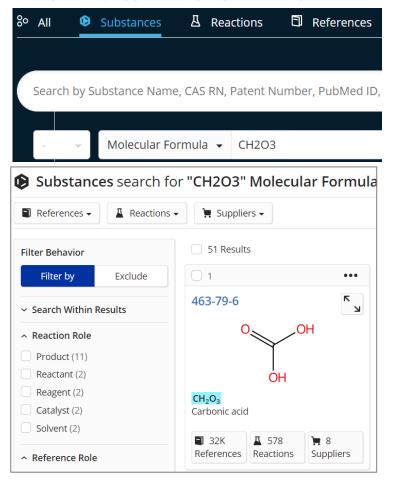
Number of References: Descending

分子式检索物质

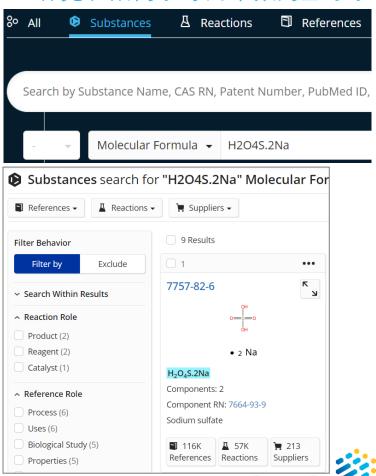
不含碳元素,按元素符号首字母顺序书写。含碳元素,碳排第一位,氢排第二位,



含碳元素,碳排第一位,氢排第二位 其他元素符号按首字母顺序书写

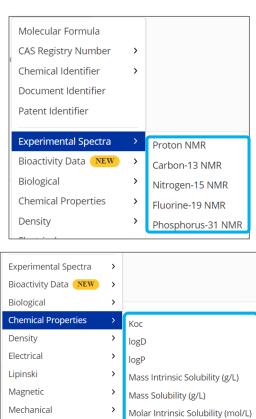


金属离子和阴离子间用点•隔开,补充和阳离子等同个数的氢原子



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谱图和分子量联合检索物质



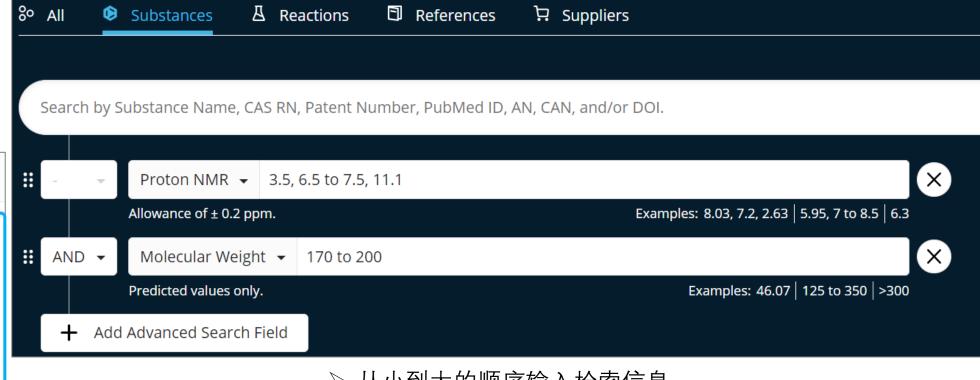
Molar Solubility (mol/L)

Molecular Weight

Vapor Pressure (Torr)

H 谱化学位移: 3.5, 6.5 至 7.5, 11.1

• 分子量: 170 至 200



- ▶ 从小到大的顺序输入检索信息
- ▶ 英文模式下输入逗号和空格

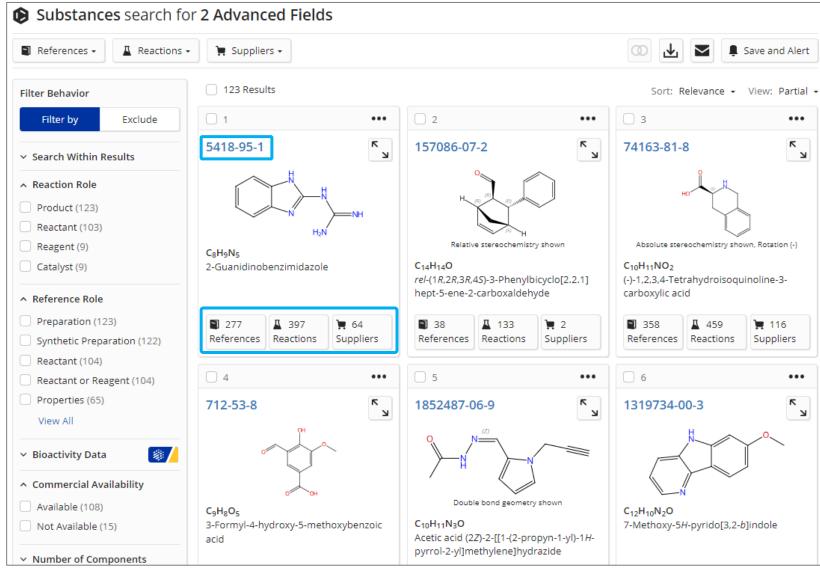


Optical and Scattering

Structure Related

Thermal

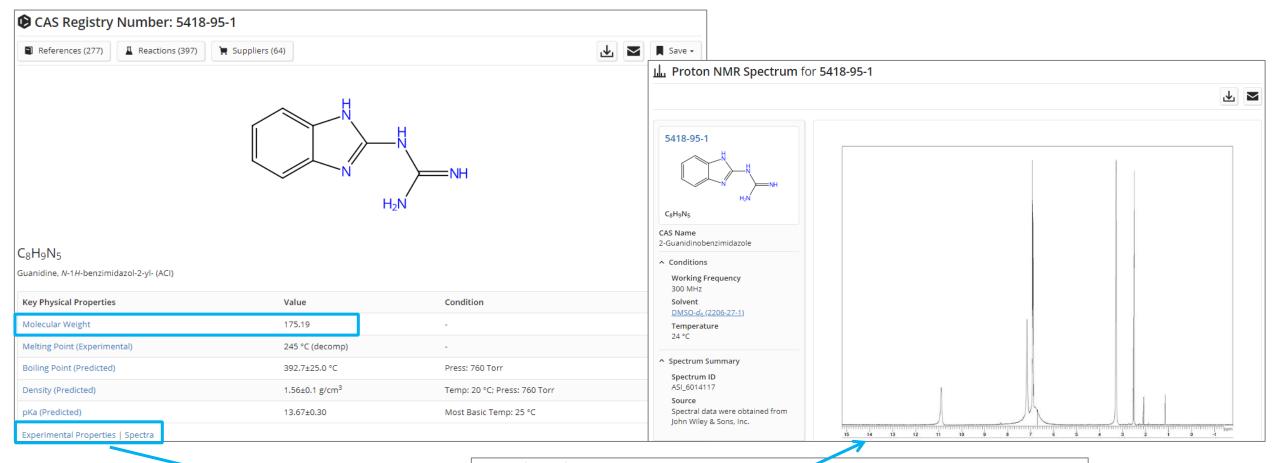
谱图和分子量联合检索物质



- ➤ 点击 CAS 登记号查看 物质详情
- 查看物质相关的文献、 反应和供应商信息



查看物质详情







利用结构信息检索物质

X 可变基团

R 自定义基团

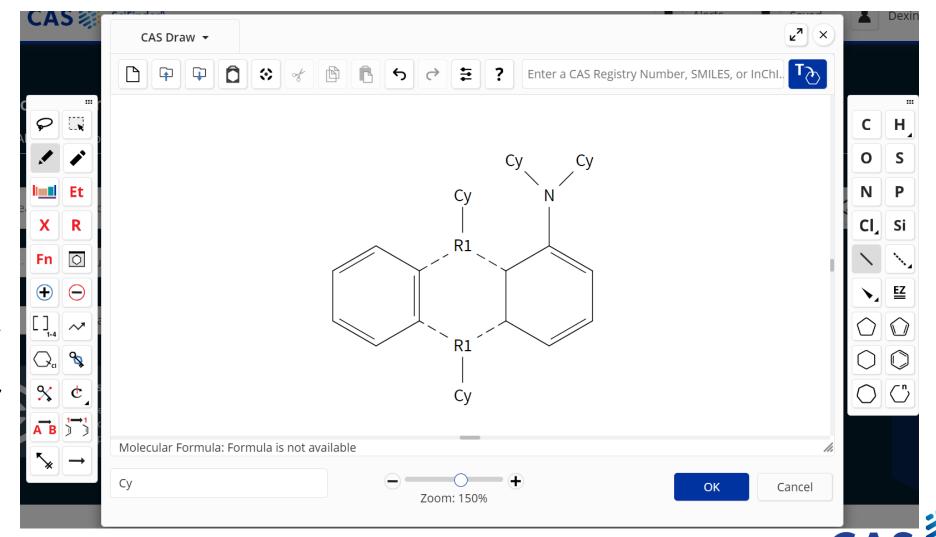
Fn 片段结构

重复工具

取代位点可变

反应角色标记

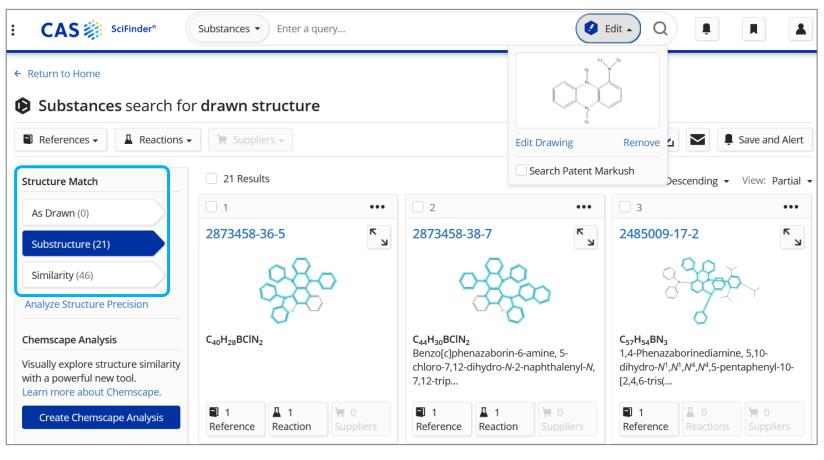
锁定工具



1-4

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检索结果集: Structure Match

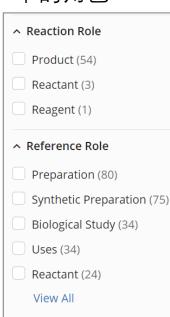


- As Drawn: 绘制结构中可出现 R 基团和可变基团。绘制结构中价态未达饱和的原子只能接氢, 环系(如有)不能与其他的环稠合或成桥环。
- Substructure:包括 As Drawn 的检索结果,另外价态未达饱和的原子可以连接氢以外的其他原子, 环系(如有)可以与其他环稠合或成桥环。
- Similarity: 获得片段或整体结构与被检索结构相似的物质,母体结构可以被取代和改变。

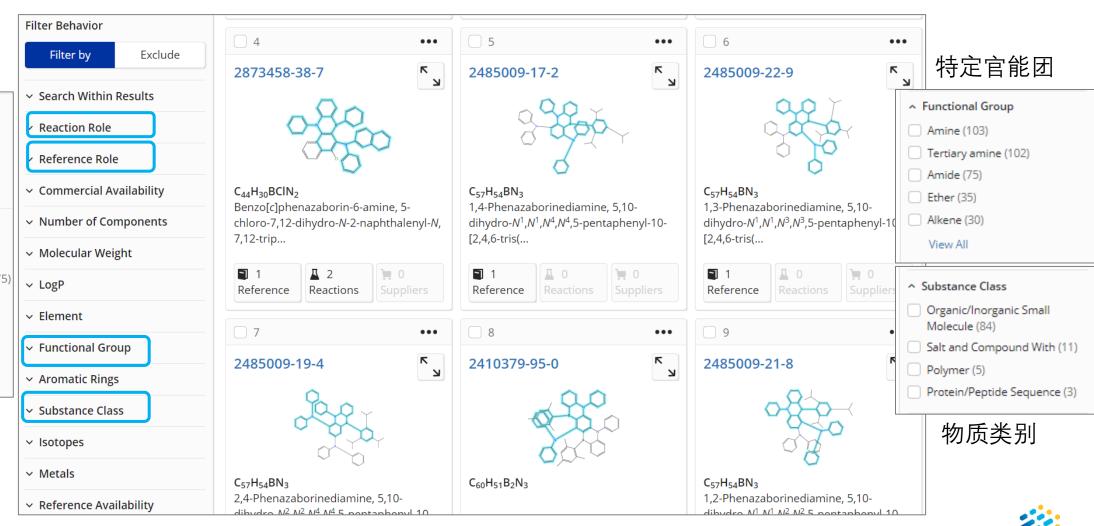


检索结果集筛选目标物质: Filter Behavior

物质在反应 中的角色



物质在文献中 的研究角色



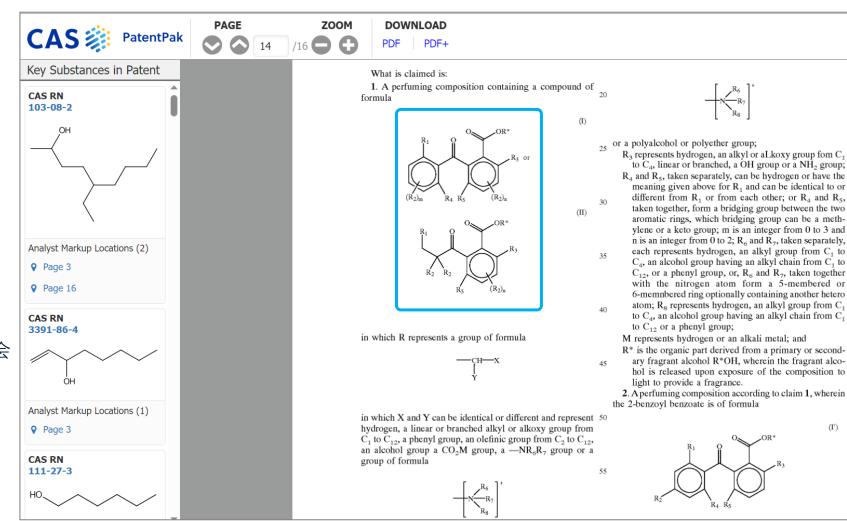
CAS Markush 检索实现结构查新

具体物质 (Specific Substance):

以具体化学结构陈述的特定物质,会被分配 CAS 登记号

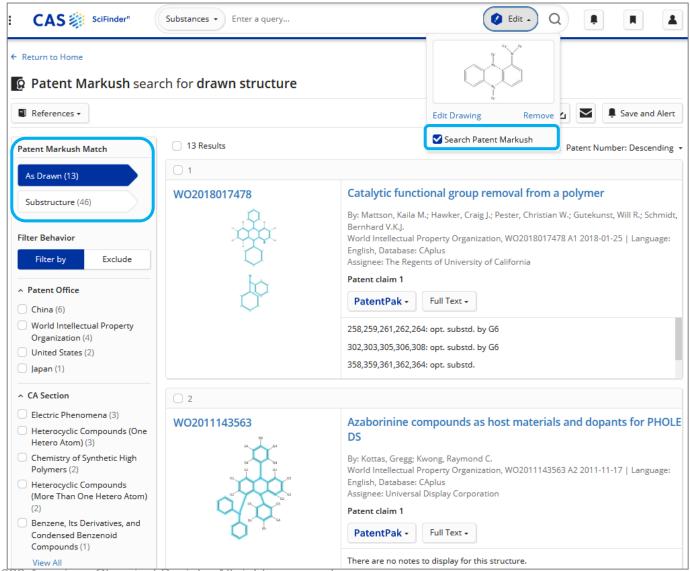
预测性物质 (Prophetic Substance)

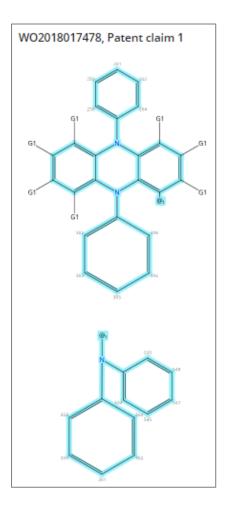
- ▶ 使用 Markush 结构陈述的预测物质,一个 Markush 可以陈述数千甚至更多的化学物质
- ➤ 被 Markush 结构包含,但未被实施或呈现在 表格、权利要求书或说明书中的结构,则不会 被分配 CAS 登记号
- Markush 检索能够检索到仅通过 Substance 可能检索不到的结构





完整的结构检索流程







物质检索小结

- 物质检索方法:物质、文献标识符检索;分子式、物性参数、谱图数据检索;及结构式检索, 充分利用结构绘制工具,合理扩大或限定结构检索范围
- 2. 正确理解 As Drawn、Substructure、Similarity检索结果集的意义和范围
- 3. 充分利用物质筛选项准确定位目标物质: Reaction Role、Reference Role等
- 4. 利用 CAS Markush 检索尽可能全面的获得结构的公开信息

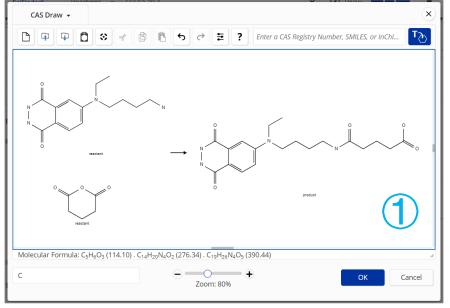


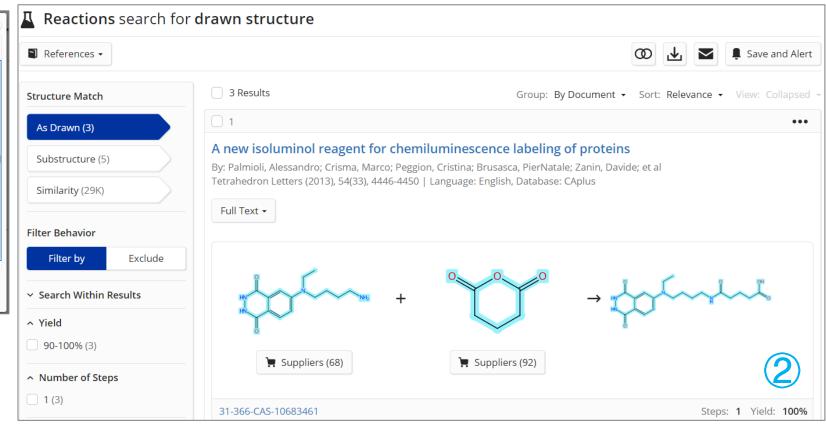
3. 如何进行反应调研?

- 如何从我感兴趣的底物、产物或催化剂出发,找到关联的反应?
- 如何查找相似反应?
- 如何关注特定转化类型的反应?
- 如何在大量反应结果中,快速找到最想要的反应?
- 如何查找涉及机理研究的反应?或人名反应?
- 如何设计新化合物的逆合成路线?



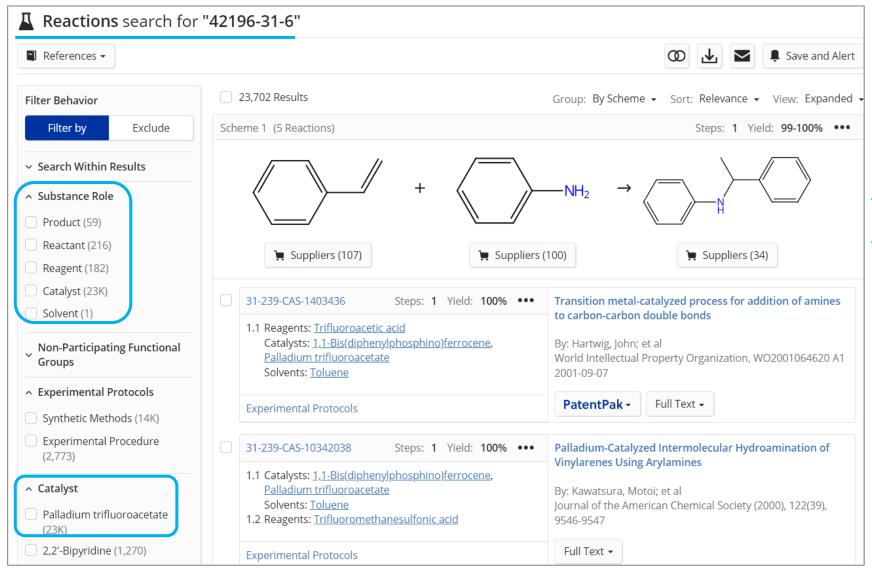
反应检索







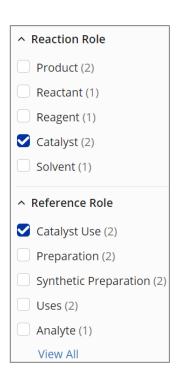
检索具体物质能够发生的反应

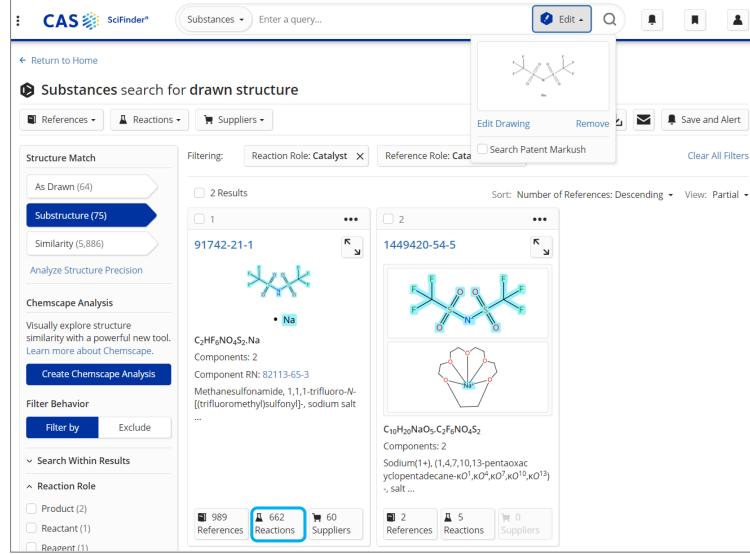


- Substance Role限定反应角色
- Catalyst 筛选催化剂



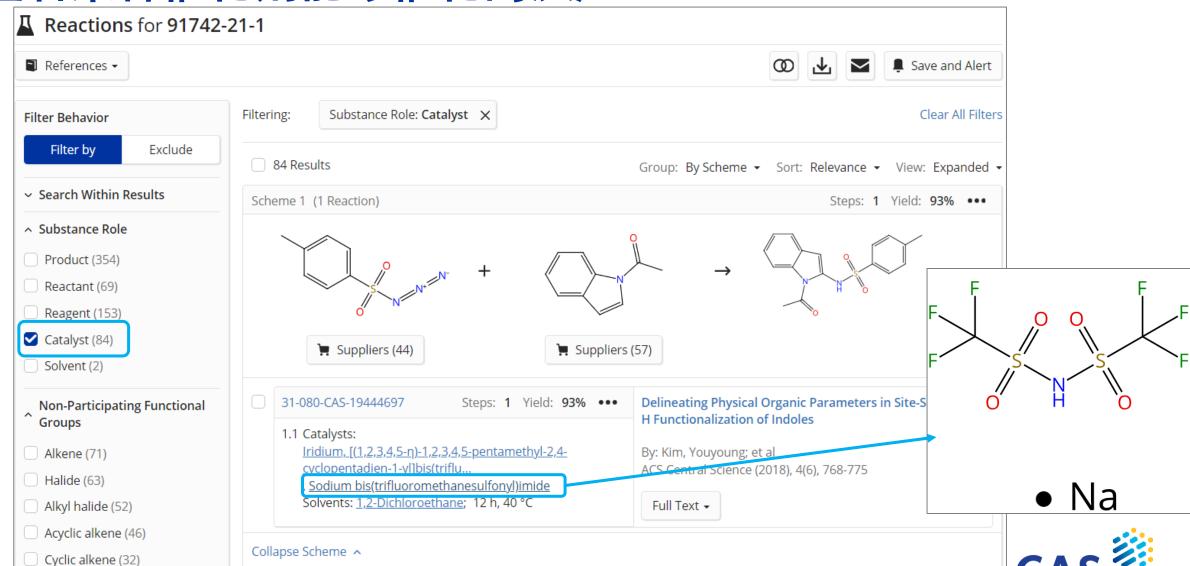
如何检索某种催化剂能够催化的反应?





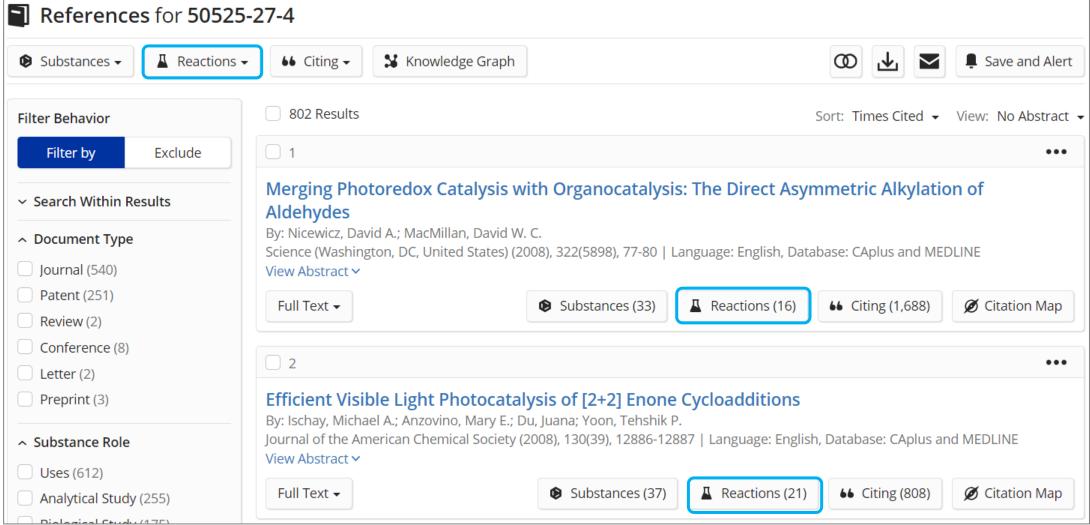


查看某种催化剂能够催化的反应

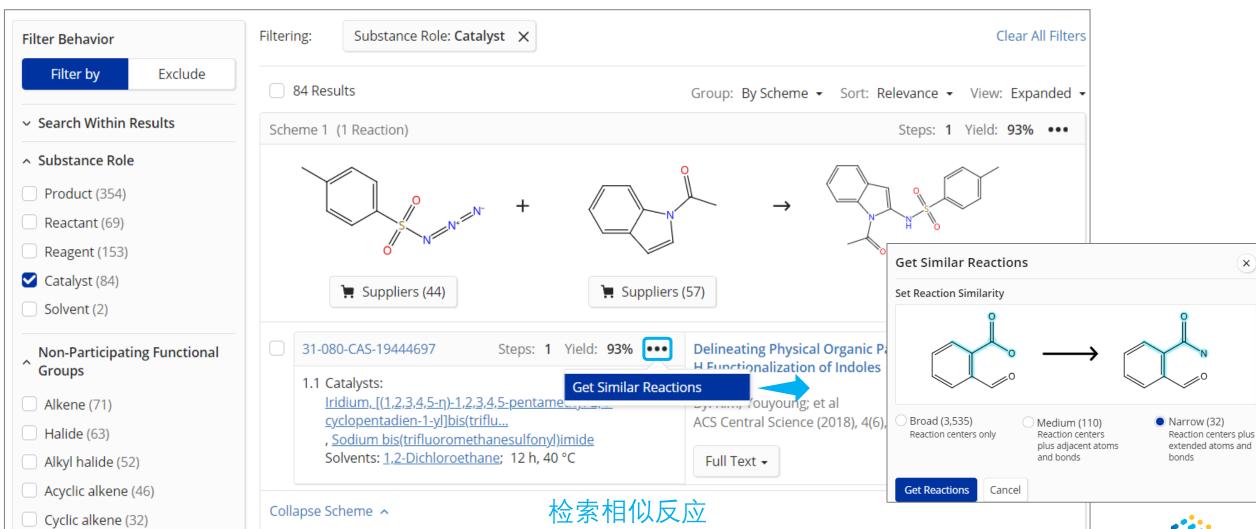


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查看文献中的重要反应

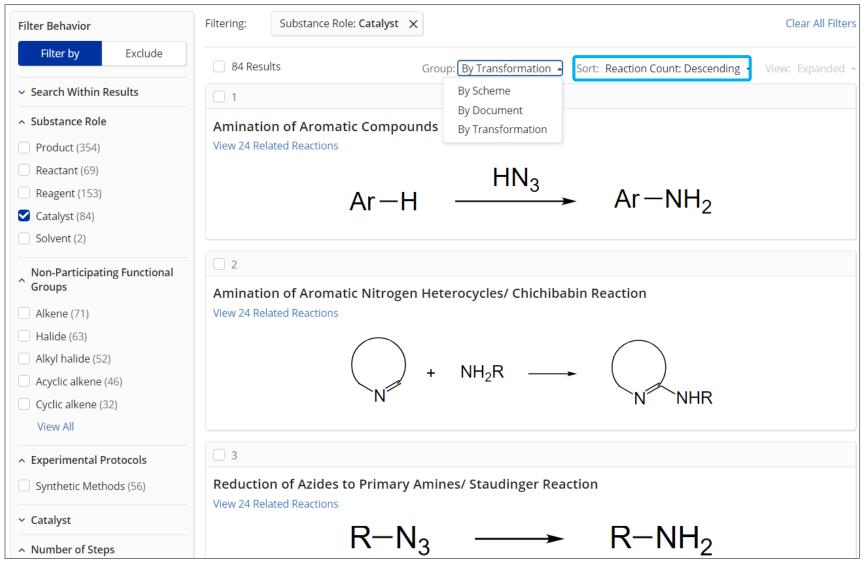


查看相似反应





催化剂可以催化的反应类型

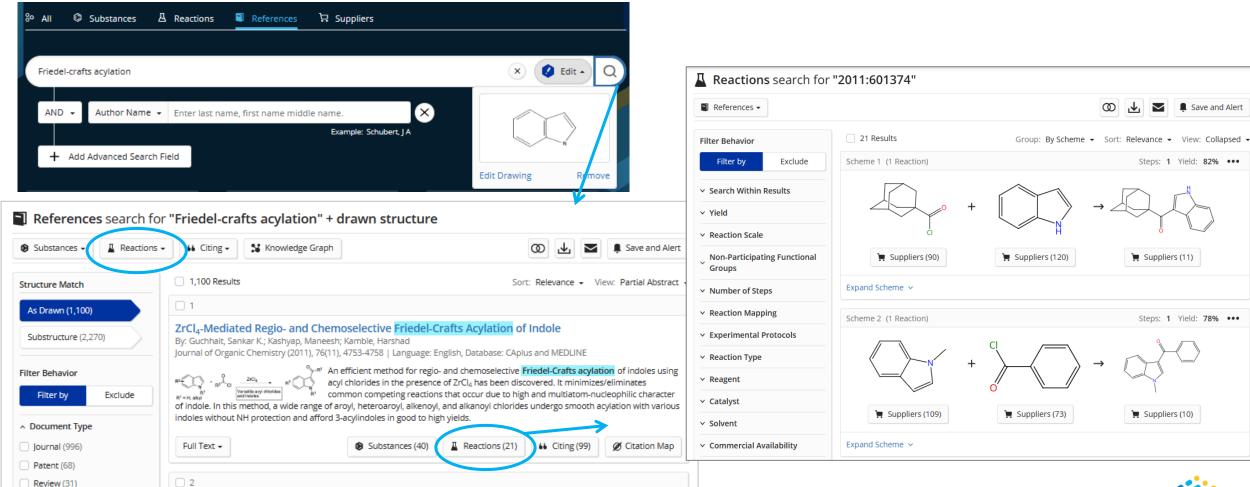


Reaction Count: Descending
Reaction Count: Descending
Reaction Count: Ascending
Transformation Name: A to Z
Transformation Name: Z to A



关注反应的机理研究或人名反应?

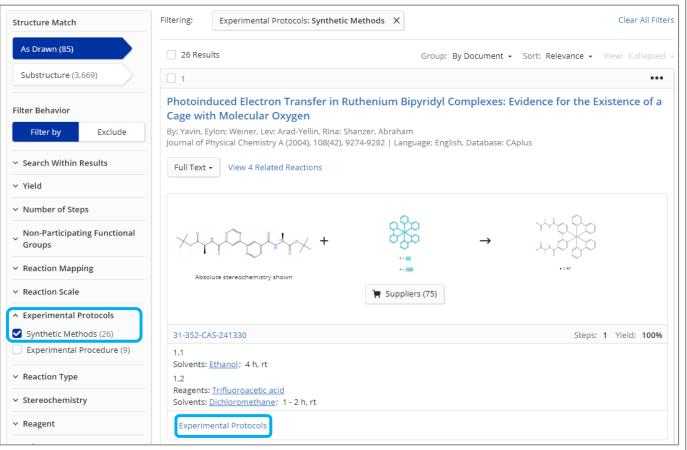
结构与关键词联用检索

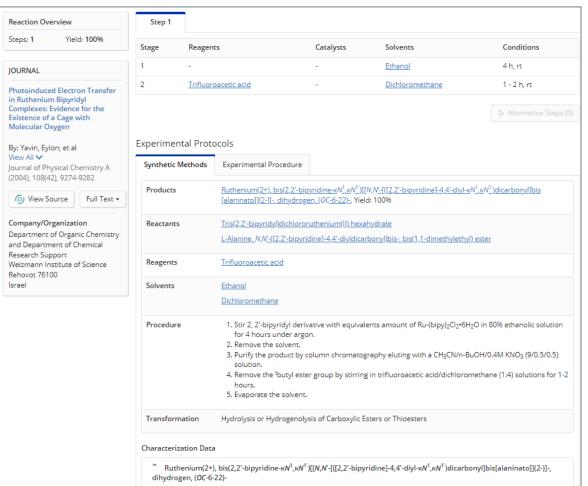


Hexafluoro-2-propanol-Promoted Intermolecular Friedel-Crafts Acylation Reaction

Conference (27)

便捷查看详细反应操作



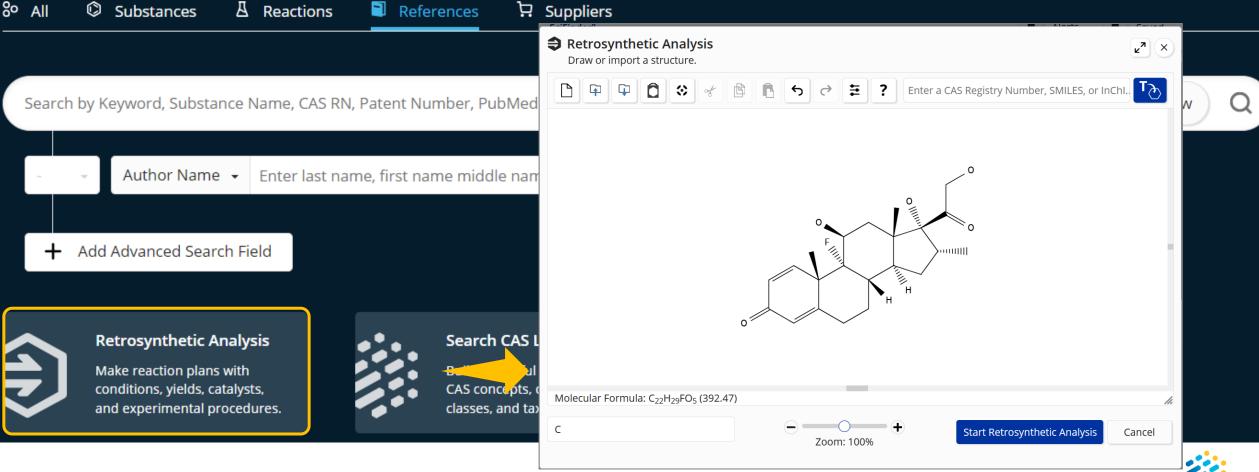


无需浏览原文即可获取详细的实验信息



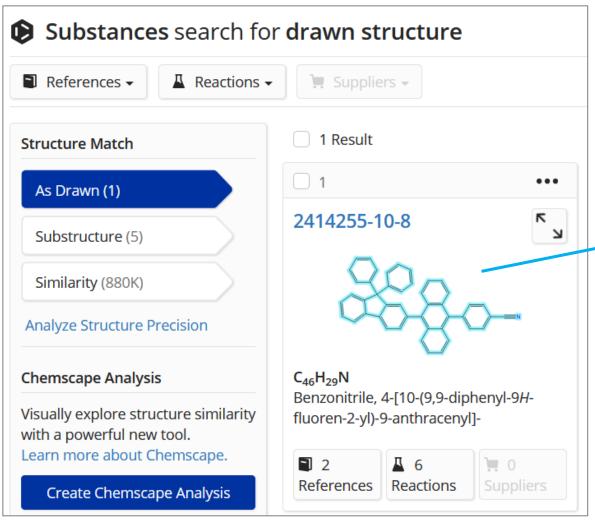
逆合成反应路线设计

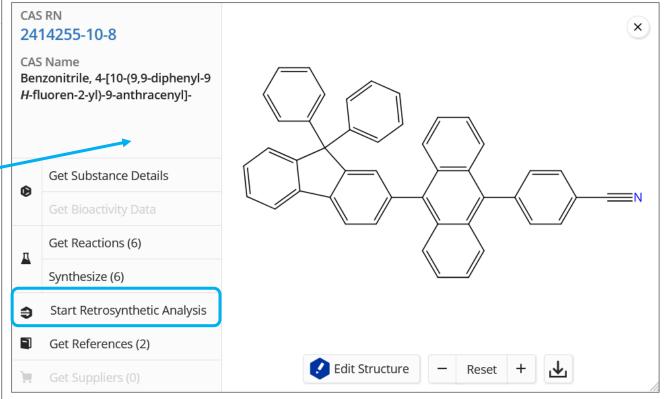
Good Evening, Dexin





逆合成反应路线设计





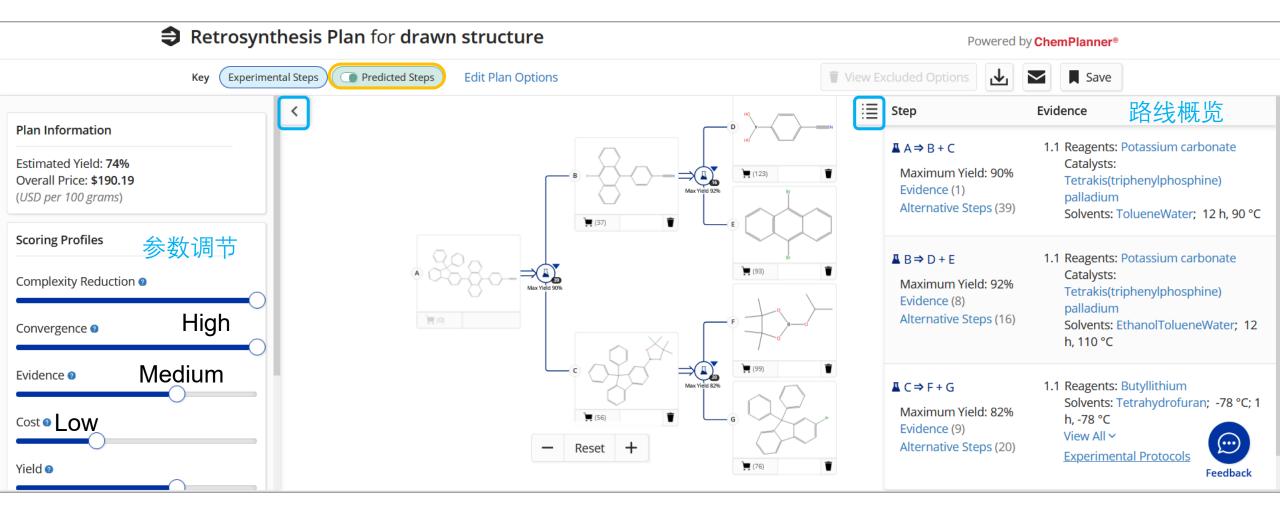
- ▶ 先进行物质检索
- ▶ 点击目标化合物, 弹出物质菜单
- ➤ 点击 Start Retrosynthetic Analysis



预设路线参数

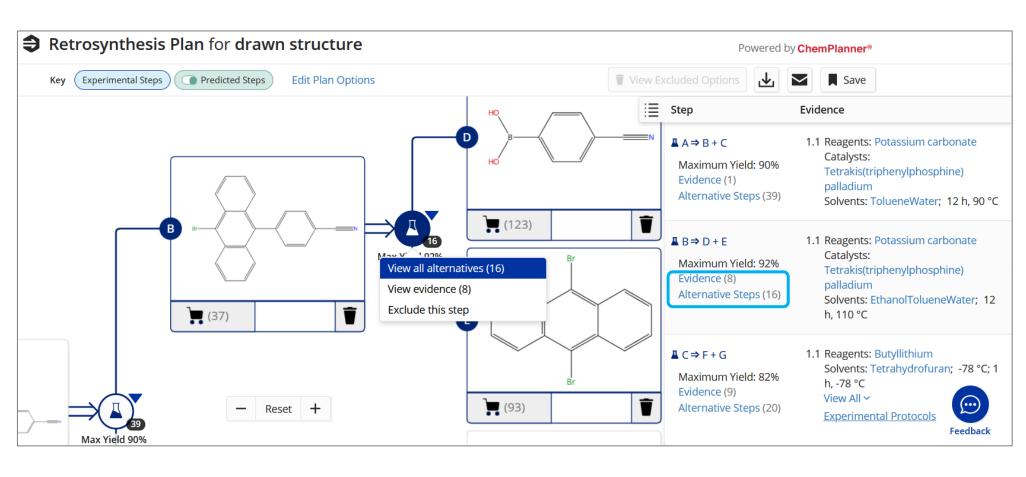


路线概览和参数调节





路线详情



View All Alternatives

查看所有替代路线

View Evidence

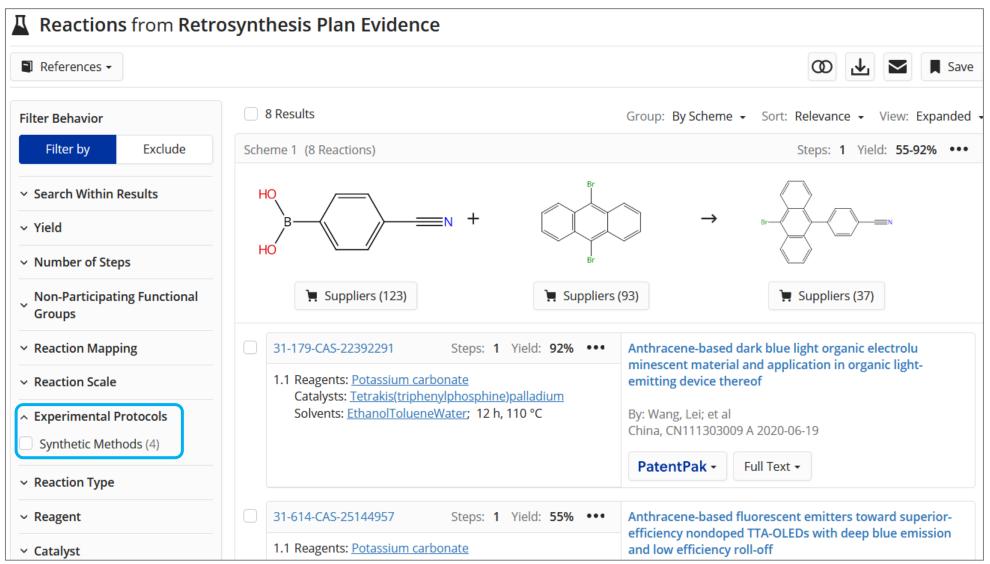
查看某步路线的支持报道

Exclude This Step

删除不感兴趣的步骤

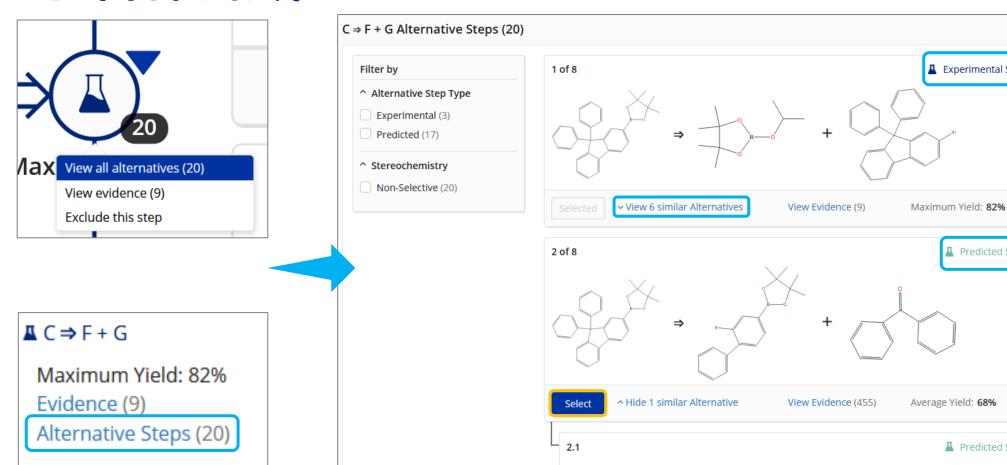


查看逆合成反应路线中的实验报道





选择替代路线



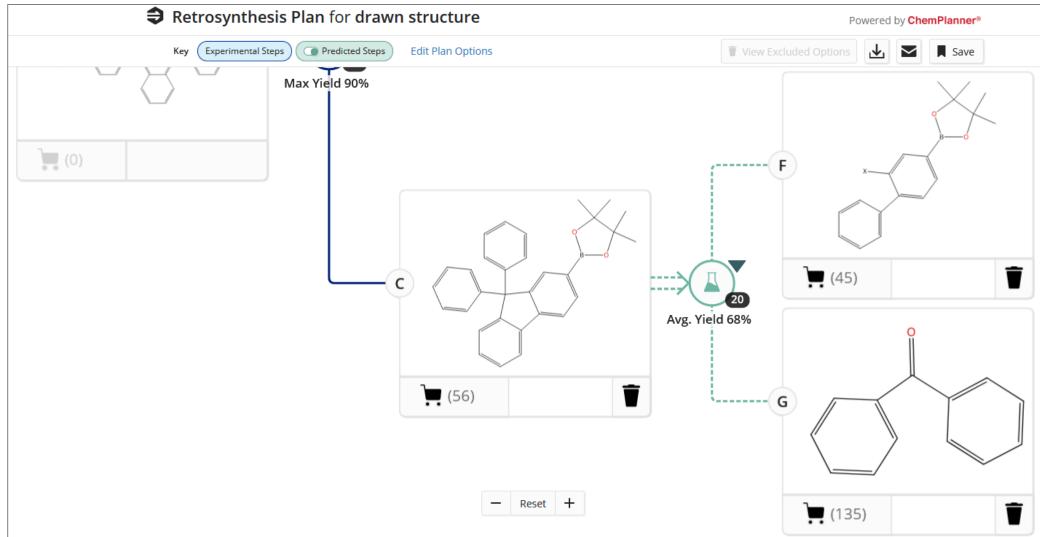


Experimental Step

Predicted Step

▲ Predicted Step

新的逆合成反应路线



反应检索小结

- 1. 反应检索方法:通过物质标识符、文献标识符、结构式进行反应检索
- 2. 反应结果集筛选精炼:
 - ➤ Non-Participating Functional Groups 确定不参与反应的官能团
 - ➤ Search Within Results 在结果集中进行二次筛选
- 3. 反应详情: Experimental Protocols 获取 CAS 科学家增值标引的反应详情
- 4. Retrosynthesis 支持化合物的反应路线预测(未知和已知化合物)
- 5. 反应路线参数的预先设定与调节
- 6. 查看反应路线详情和文献支持, 自定义选择替代路线或删除不感兴趣的路线



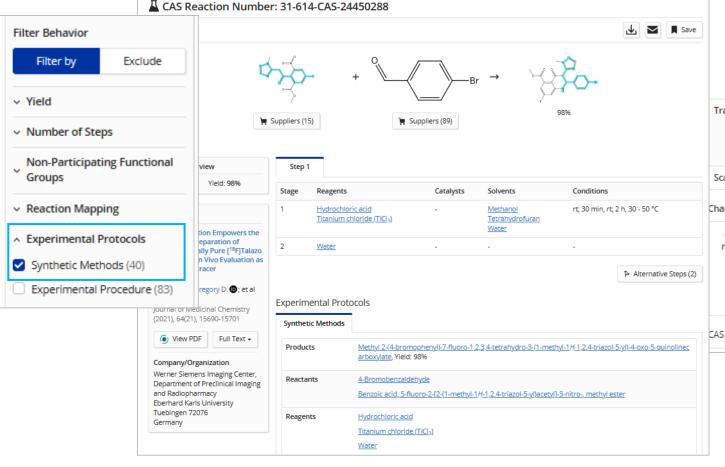
具体的实验方案怎么查、怎么选?

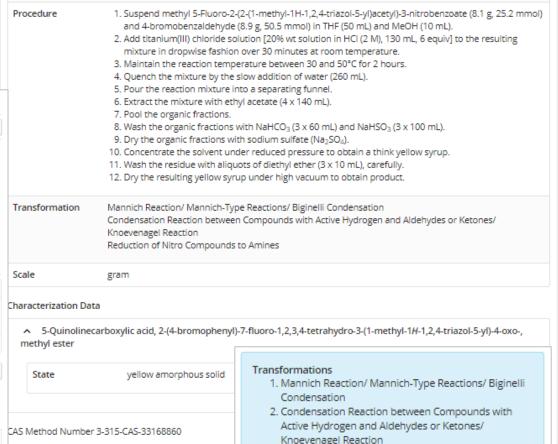
- 如何获取获得具体的实验操作和表征数据等信息?
- 能一键获取从原文中提取的分析操作和数据详情吗?
- 如何对多种分析方法进行充分评估?
- 我研究的物质有什么具体的配方应用?
- 专利配方的组成和制备工艺是什么?如何进行实验评估?



直观的合成实验详情 Synthetic MethodsTM

- CAS 科学家标引的合成详情
- 节省阅读全文的时间, 高效获得所需的合成实验信息







3. Reduction of Nitro Compounds to Amines

CAS 分析实验方法详情

- CAS 科学家标引的分析实验详情
- 无需下载全文, 高效获得所需的分析实验信息

Analysis of Vanadium in Stainless steel by Electrochemical extraction

CAS MN: 1-119-CAS-286328

Method Category: Element Detection

Technique: Electrothermal atomic absorption spectroscopy; Decomposition; Electrochemical extraction

Materials	Role	lmage	CAS RN
1100011012		_	
Vanadium	analyte	View Structure	7440-62-2
Stainless steel	matrix		12597-68-1
Al ₂ O ₃ cutting wheel	material	实验原料	
SiC grinding paper	material	大型原件	
0.05 μm pore size polycarbonate filter	material		
Standard calomel reference electrode	material		
Platinum ring counter electrode	material		
Hollow cathode lamps	material		
Electrodeless discharge lamp	material		
THGA graphite tubes	material		
Nitric acid	reagent	View Structure	7697-37-2
Hydrofluoric acid	reagent	View Structure	7664-39-3
Acetylacetone	reagent	View Structure	123-54-6
Chromium	reagent	View Structure	7440-47-3
Methanol	reagent	View Structure	67-56-1
Tetramethylammonium chloride	reagent	View Structure	75-57-0

Source

Determination of alloying and impurity elements from matrix and inclusions from a process sample of a double stabilized stainless steel

Sipola, Teija; Alatarvas, Tuomas; Fabritius, Timo; Peramaki, Paavo

ISIJ International (2016), 56 (8), 1445 - 1451. Iron and Steel Institute of Japan

CODEN: IINTEY | ISSN: 09151559 | DOI: 10.2355/isijinternational.isijint-2016-071

文献来源

Full Text ▼ View in CAS SciFinderⁿ

Equipment Used

分析仪器

Cutting machine, Secotom-10, Struers

Ultrasonic cleaning unit, P 30 H, Elmasonic

Grinding machine, Labopol-6, Struers

Potentiostat, SP-150, BioLogic

Vacuum pump, BUSCHI

Graphite furnace atomic absorption spectrometer, AAnalyst 600, PerkinElmer

Autosampler, AS-800, PerkinElmer

Conditions

分析条件

Instrument

internal gas flow rate: 250 mL/min (non-atomization), 0 mL/min (atomization); current: 15 mA; wavelength: 318.4 nm; slit width: 0.7 nm; injection volume: 10 uL

Instructions

操作步骤

Preparation of stainless steel process samples

- 1. Cut stainless steel pieces from a corner piece of different slabs using a Struers Secotom-10 cutting machine with an Al_2O_3 cutting wheel.
- 2. Grind and polish the steel samples using a Struers Labopol-6 grinding machine with SiC grinding paper to a size of approximately 15 x 10 x 5 mm.
- 3. Clean the sample from grinding paper traces using an Elmasonic P 30 H ultrasonic cleaning unit (frequency 37 kHz, room temperature).
- 4. Clean all glassware in an acid bath, rinse with ultrapure water and methanol sequentially.

Electrolytic extraction of stainless steel using 10% acetylacetone

- 1. Perform electrolytic extraction on a BioLogic SP-150 potentiostat.
- 2. Use 10% acetylacetone (10 v/v% acetylacetone, 1 w/v% tetramethylammonium chloride and methanol) as the electrolyte.
- 3. Use the sample as the working electrode and set the potential to 0.150 V vs. the standard calomel electrode (SCE).
- 4. Suspend the sample in the electrolyte in a platinum basket and use a platinum ring as a counter electrode.
- 5. Filter the electrolyte through a 0.05 µm pore size polycarbonate filter with the help of a BUSCHI vacuum pump.
- 6. Expose the sample to ultrasound in methanol and filter the methanol with the electrolyte.

Decomposition of inclusions

- 1. Dry the polycarbonate filter containing the extracted inclusions overnight in a desiccator.
- 2. Place the dry filter in a PTFE container with 5 mL concentrated nitric acid and 2 mL HF and close gently.
- 3. Perform decomposition for 30 minutes at 120 °C (393.15 K).
- 4. Cool the containers to room temperature, remove the filter and dilute to the volume with water.
- 5. Prepare a blank sample similarly by filtering a fresh electrolyte through a polycarbonate filter.

Quantification of inclusions using graphite furnace atomic absorption spectrometry (GFAAS) with Cr as a matrix modifier

- Perform GFAAS on a PerkinElmer AAnalyst 600 graphite furnace atomic absorption spectrometer equipped with an AS-800 autosampler and PerkinElmer THGA graphite tubes (standard platform B0504033).
- 2. Use a hollow cathode lamp (HCL) as the radiation source.
- 3. Use the following furnace program: ramp for 10 s to 110 °C, hold for 30 s; ramp for 10 s to 140 °C, hold for 30 s; ramp for 10 s to 1300 °C, hold for 20 s; perform atomization at 2400 °C for 6 s; ramp for 1 s to 2500 °C and hold for 5 s.
- 4. Set the instrument parameters as follows: internal gas flow rate: 250 mL/min (non-atomization), 0 mL/min (atomization); current: 15 mA; wavelength: 318.4 nm; slit width: 0.7 nm.
- 5. Add 0.05 µg Cr as a matrix modifier.
- 6. Inject 10 µL of the sample and perform measurements.

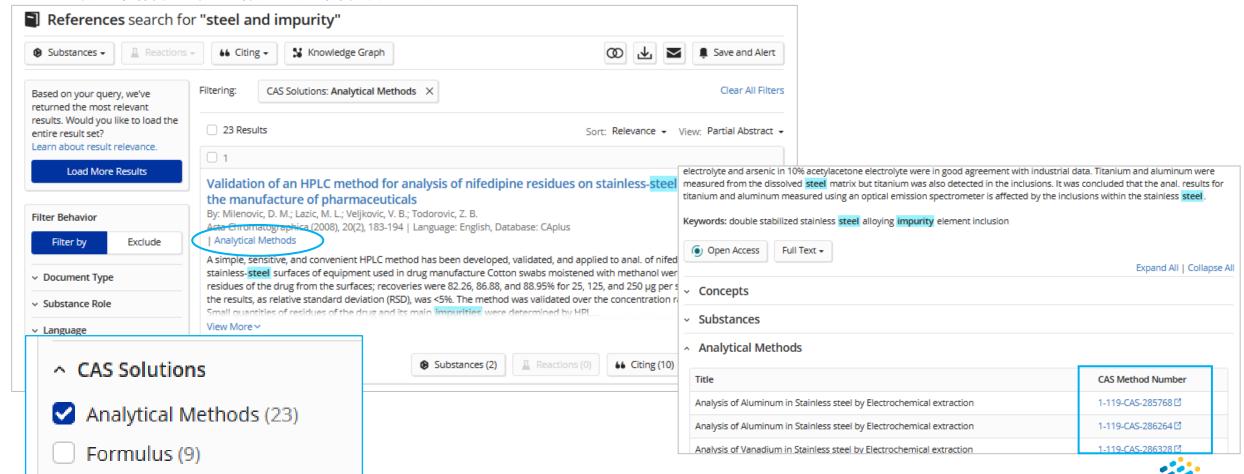
数据有效性

Validation

Linearity Range	0-400 μg/L
Concentration	<1 µg

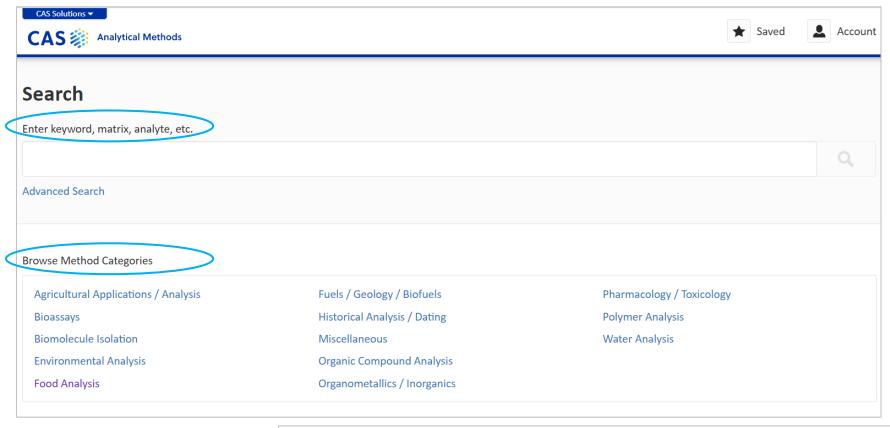
关注文献关联的分析实验方法?

方法一:文献结果集页面点击 CAS Solutions中的 Analytical Methods获得有具体分析实验方法的文献,从文献详情页中链接至分析实验方法



直接检索感兴趣的分析实验方法

方法二: 登录 https://methods.cas.org 进行主题检索或分类浏览



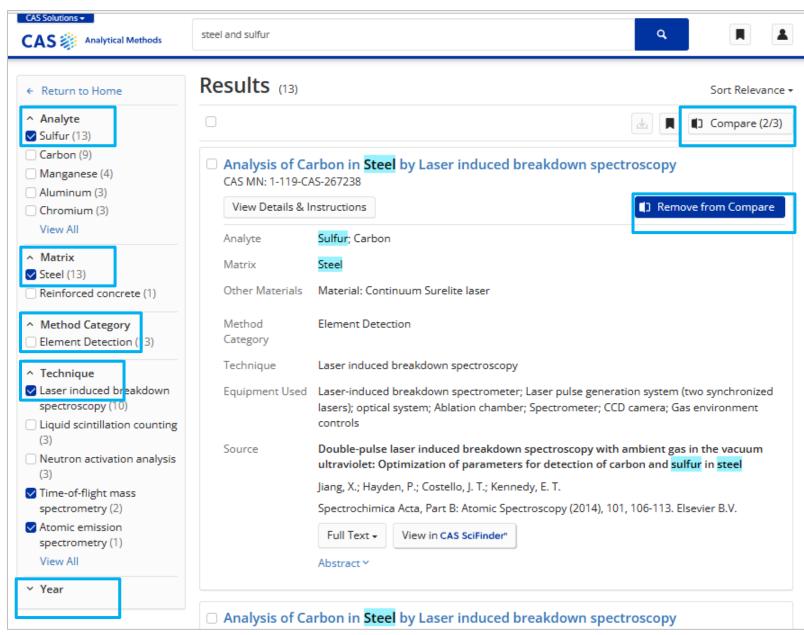
方法分类: 13大类, 45小类

农业应用、生物鉴定、 生物分子分离、环境、 食品、考古、有机物、 药学、毒理学等

Browse Method Categories > Agricultural Applications / Analysis 除草剂、农药残留、土壤分析
Herbicide Analysis Pesticide Residue Analysis Soil Analysis



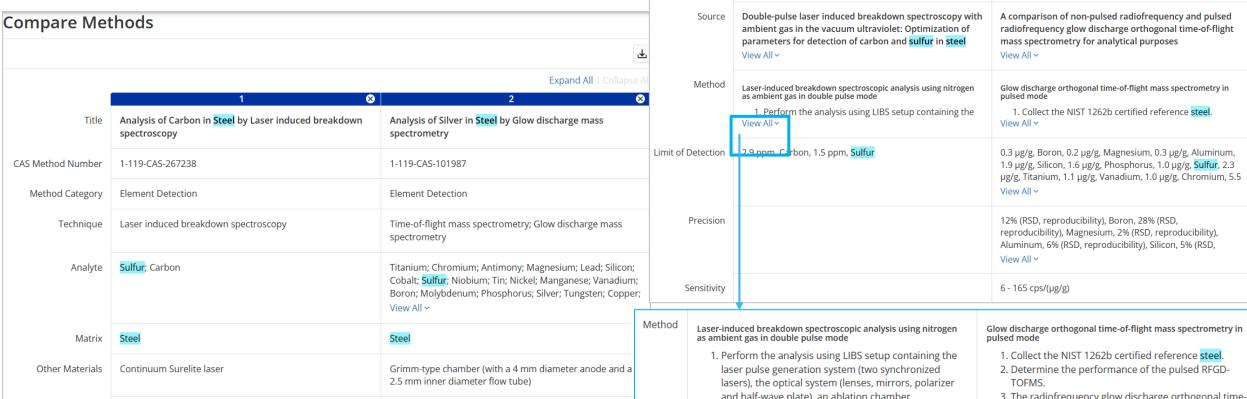
如何选择合适的分析方法?



- ▶ 分析目标物
- ▶ 介质
- ▶ 方法类别
- ▶ 分析技术
- > 发表年份



如何选择合适的分析实验方法?



Orthogonal time-of-flight mass spectrometer, Tofwerk,

View All ~

Thun, Switzerland: Dry pump, Triscroll 300, Varian Inc., Pal

Alto, USA; Radio frequency glow discharge orthogonal time

详细的分析实验方法对比

- laser pulse generation system (two synchronized lasers), the optical system (lenses, mirrors, polarizer and half-wave plate), an ablation chamber, spectrometer, detection system (CCD camera and computer) and finally the gas environment controls (needle valve, gauge, pressure meters).
- Use the Q-switched Nd:YAG lasers to create the plasmas in double-pulse mode by Continuum Surelite (model III-10), operating at the fundamental wavelength of 1.06 µm with a pulse width of 6 ± 1 ns and maximum output energy of 800 mJ.
- 3. Operate the laser at a repetition rate of 10 Hz..
- 4. Insert the optical combination of a half-wave plate and a polarizer into the Surelite laser beam to vary the pulse energy incident on the sample.
- 5. Focus the approximately 10-mm-diameter beams produced by Surelite laser onto the steel samples by plano-convex lenses of 125 mm and 150 mm focal

- 3. The radiofrequency glow discharge orthogonal timeof-flight mass spectrometer (RFGD-TOFMS) includes a RFGD bay unit (RF generator, matching box, RF connector, refrigerator disc and sample mounting system with a pneumatic piston to press the sample against the source) (GD Profiler HR instrument (Horiba Jobin Yvon, Longjumeau, France)).
- Use the GD source of a copper-based modified Grimm-type chamber with a 4 mm diameter anode and a 2.5 mm inner diameter flow tube (EMPA, Switzerland).
- 5. Extract the ions originating from the source at pressure of 800 Pa through a sampler of 500 μm diameter and a 1 mm diameter skimmer.
- The following interface region includes electrostatic focusing and deflecting components and couples the

Laser-induced breakdown spectrometer; Laser pulse

generation system (two synchronized lasers); optical

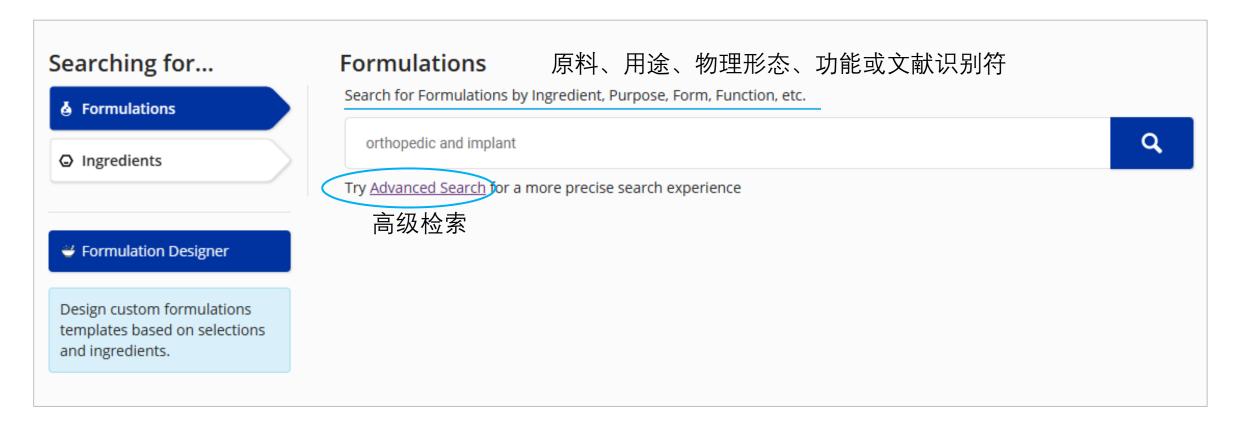
system; Ablation chamber; Spectrometer, VM-521, Acton

Equipment Used

View All ~

研究课题在产品中的应用? 配方的检索与设计

方法一: 登 https://formulus.cas.org 输入检索式



- 制药、化妆品、食品、农化、油墨、涂料等多领域中的配方
- 工艺、成分、目标成分的常见配伍成分、设计配方、探索合规要求等

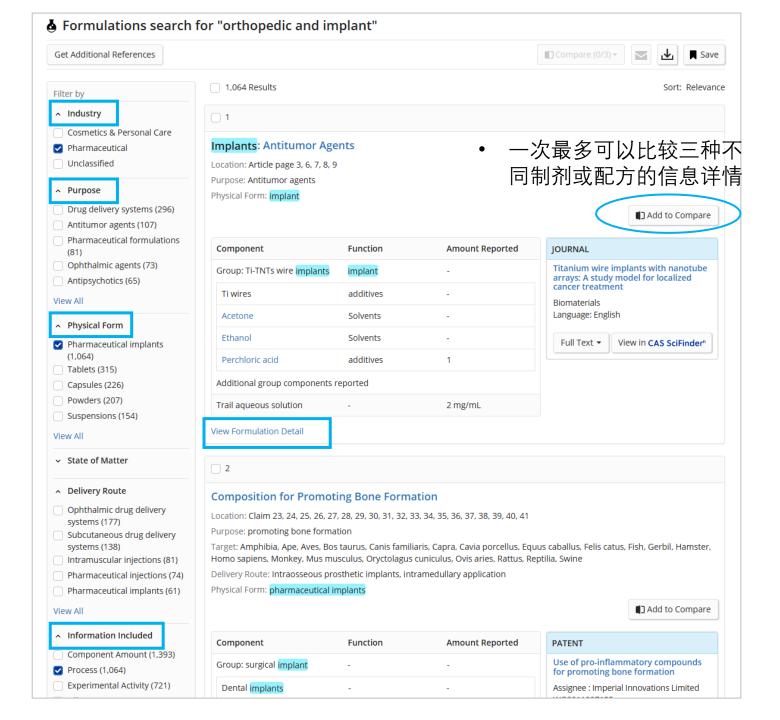


配方结果集

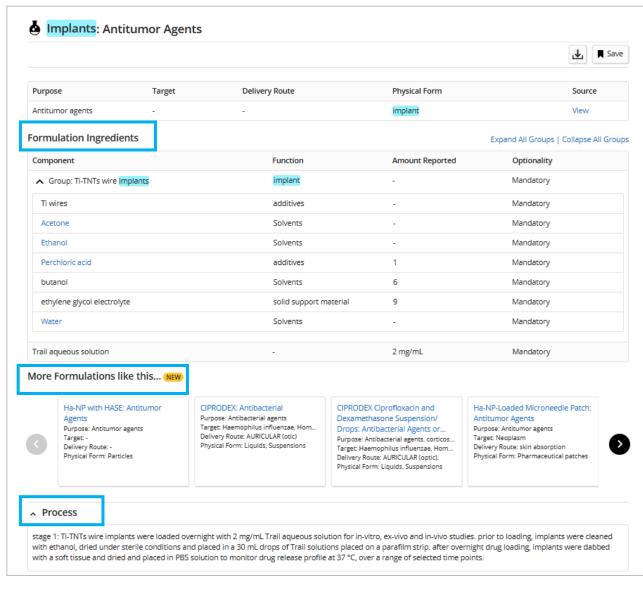
• 利用聚类项精简结果:

行业、配方/制剂用途、物理形式、 物质状态、递送方式、涵盖信息、 文献类型、发表机构、发表年份

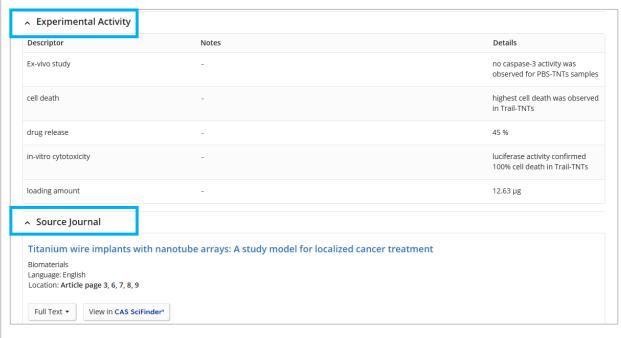
- 可查看制剂或配方成分, 功能及用量
- 可查看原料详情
- 支持对比选中的制剂或配方
- 支持查看或下载专利全文
- 可查看制剂或配方详情



配方的制备?实验评估?

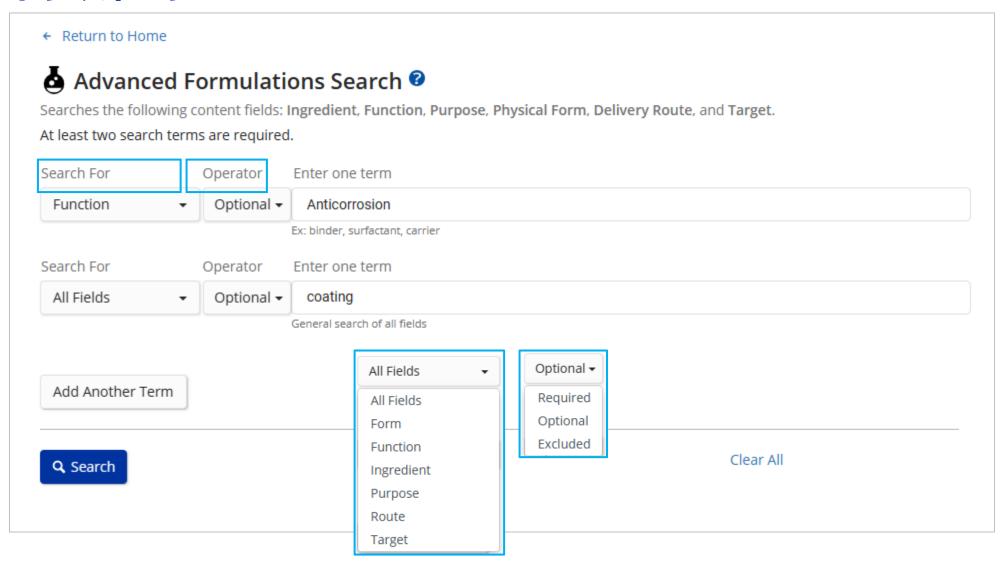


- 制剂或配方原料
- 相似的制剂或配方
- 制备工艺
- 制剂或配方实验评估
- 专利来源



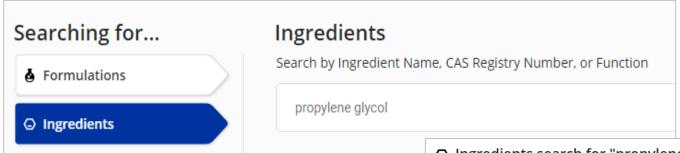


高级检索



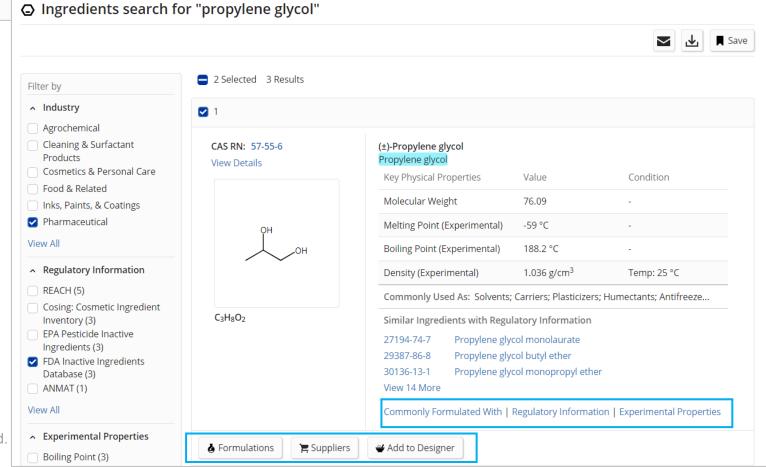


检索原料



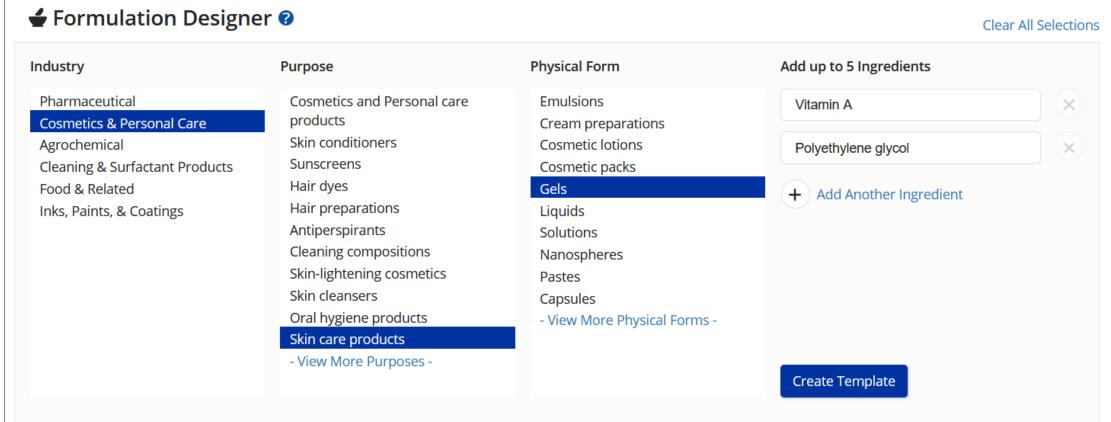
- 制剂或配方中,与该原料同时使用的 其它配伍成分
- 管控信息及清单
- 实验属性

- 使用该原料的制剂或配方
- 原料供应商信息
- 可将原料添加至设计工具Formulation Designer



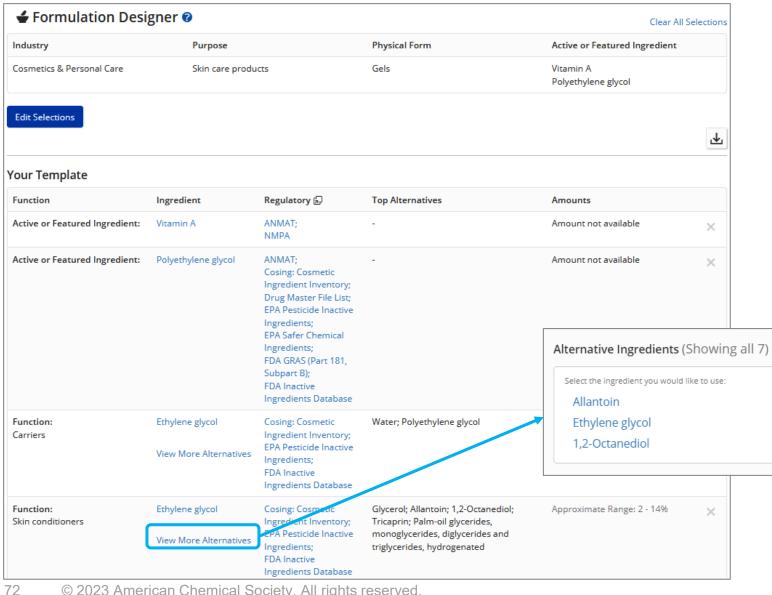
设计配方







设计配方



原料详情

Tricaprin

- 原料管制信息
- 可替代的原料选项

Palm-oil glycerides, monoglycerides,

diglycerides and triglycerides,



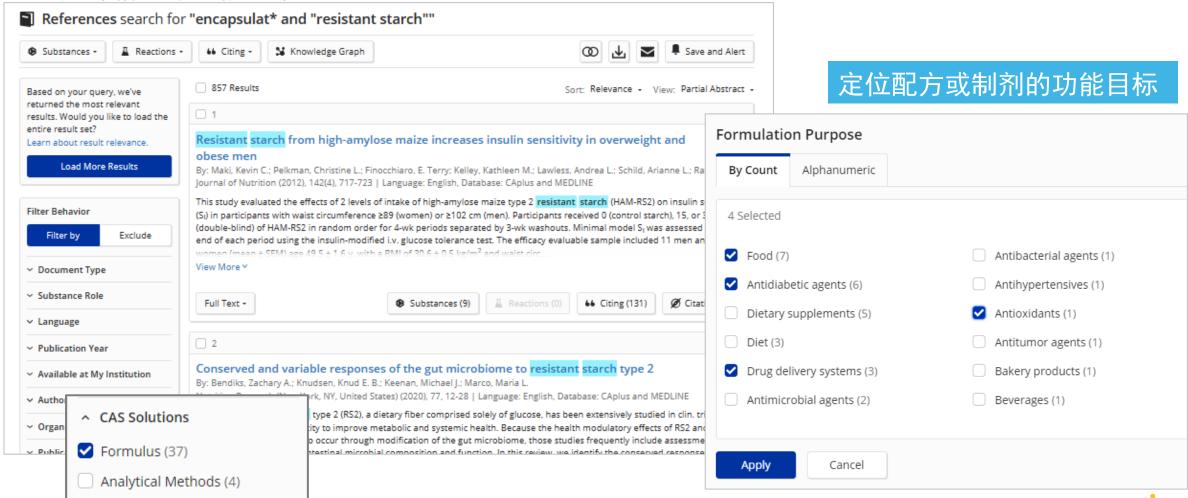
hydrogenated

Glyceryl polyacrylate

N-(2-Hydroxyethyl)acetamide

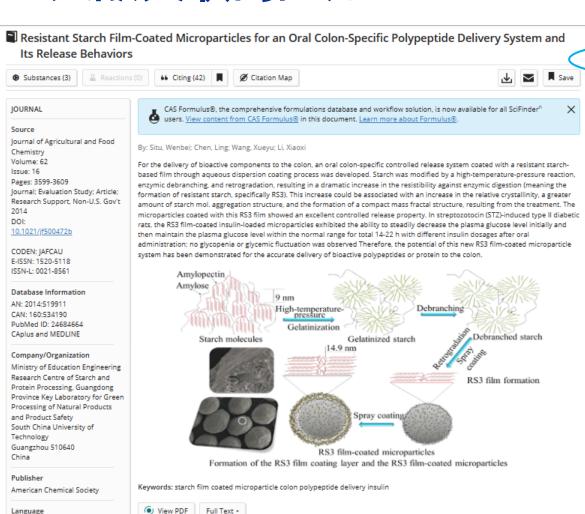
文献关联的配方

方法二:在文献结果集页面,点击CAS solutions中的 Formulus 获得有具体配方或制剂信息的文献,从文献详情页中链接获取





文献关联的配方



- Concepts
- MEDLINE® Medical Subject Headings
- Substances
- Formulations

Resistant Starch (RS 3)Film-Coated Microparticles: Drug Delivery Systems--Controlled Release Drug Delivery Systems

View CAS Formulus® Detail ☐

Location: SI Page 3 Article Page 2 Figure 1S

Purpose: Drug delivery systems

Target: 5-aminosalicylic acid

	Component	成分	Function	功能	Amount R	eported	用量
 Group: bioactive component- loaded microparticle core 			model active	agent	-		
5-Aminosalicylic acid		-		20 %			
	Cellulose		additives		Ratio: 3		
	Starch		excipients		Ratio: 1	Ratio: 1	
~	Group: RS3-based aqui coating dispersion	eous	coating mate	rials	-		

Resistant Starch (RS 3)Film-Coated Microparticles: Drug Delivery Systems--Controlled Release Drug Delivery Systems

View CAS Formulus® Detail ☑

Expand All | Collapse All

Location: SI Page 3 Article Page 2 Figure 1S

Purpose: Drug delivery systems Target: 5-aminosalicylic acid

Concepts

English

实验方案检索小结

- 1. 利用 Synthetic Methods™ 查看文献中合成方法详情
- 2. 利用 CAS Analytical Methods 进行主题检索或分类浏览获得分析方法,或通过 文献查看关联的分析实验及数据详情
- 3. 利用 CAS Formulus 检索原料、配方/制剂,或通过文献结果集获得关联的配方/制剂信息;利用配方设计工具启发产品配方的开发



学习资源







订阅号

服务を

美国化学会 WE ACS美国化学会来啦! 是官方! 是官方! 是官方! !

2023 CAS SciFinder Discovery Platform 论坛录课



American Chemical Society

CAS SciFindern 学习中心







CAS SciFinder Discovery Platform 专题论坛时间表

2023年9月—12月

CAS SCIFINDER DISCOVERY PLATFORM专题论坛涵盖多个科学研究领域,为您带来全面的检索思路和丰富的检索技巧。

直播时间为周五14:00 - 15:00。点击论坛主题即可注册、观看直播。

9月15日 | 专利专题论坛

9月22日 | 生物制药专题论坛

10月13日 | 高分子材料专题论坛

10月27日 | 金属有机与无机化学专题论坛

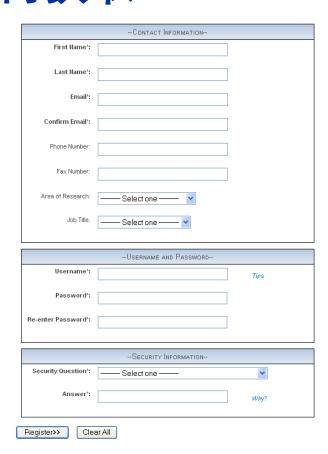
11月10日 | 食品与个人护理品专题论坛

11月24日 | 药物设计与合成专题论坛

12月8日 | 电子信息与能源材料专题论坛



如何获取 CAS SciFinderⁿ 账号(登录贵校图书馆网站,查看注册相关的链接和说明)



请注意:

- 1.必须输入真实姓名和学校邮箱
- 2.用户名必须是唯一的,且包含 5-15 个字符。它可以只包含字母或字母组合、数字和/或以下特殊字符:
- - (破折号)
- _ (下划线)
- . (句点)
- @ (表示"at"的符号)
- 3.密码必须包含 7-15 个字符, 并且至少包含三种以下字符:
- 字母
- 混合的大小写字母
- 数字
- 非字母数字的字符 (例如 @、#、%、&、*)

例: abc@123

4.从下拉列表中选择一个密码提示问题并给出答案 单击 Register (注册)

Registration	Already	Comp	lete
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You have already completed your registration. For assistance with accessing SciFinder, consult the key contact for your organization.

点击激活链接后注册成功;之后直接点击 https://scifinder-n.cas.org 访问



CAS SciFindern 检索浏览器推荐

浏览器推荐:

- Windows (7, 8.1, 10): Chrome 60 及更高版本, Firefox 55 及更高版本, Firefox 52 (ESR)、Edge 15 及更高版本
- Mac OS X (10.11, 10.12, 10.13): Safari 9.3 及更高版本, Chrome 60 及更高版本, Firefox 55 及更高版本, Firefox 52 (ESR)

不建议使用 360 浏览器,相关功能或插件会被自动拦截



使用注意事项

- > 一人注册一个账号
- > 实名注册, 请提供真实姓名信息(中文名用汉语拼音全拼)
- ➤ 不得过量下载 (https://www.cas.org/legal/infopolicy)
- > 不得账号分享
- > 不得将账号用于非学术研究



常见问题

Unauthorized IP Address

User registration is available only from IP addresses specified by the key contact at your organization. Please try to register again from an authorized location.



There was a problem verifying your account.

Try Again Contact Us

Or Log Out and try again.

Reference Id: GU75LMfF9iZnhTq6mymUog

- ▶ 检查注册链接是否正确
- 确认连入校园网,且不是通过 VPN 连接
- 如果链接正确,且在校园内,请联系图书馆或 china@acs-i.org

- 确认账号密码是否正确
- 如果账号密码正确,请填写问题报告之后联系 图书馆或 china@acs-i.org



校外访问CAS SciFinder Discovery Platform



- 登录VPN客户端
- 工作台进入CAS SciFinderDiscovery Platform



THANK YOU!





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