



快速入门指南

目录

检索制剂或配方.....	2
查看制剂或配方详情.....	3
高级检索.....	4
不同制剂或配方信息的对比.....	4
检索原料.....	5
查看原料供应商信息.....	6
设计制剂或配方.....	7
查看制剂或配方设计结果详情.....	8
查看提醒更新的结果.....	9
查看或编辑已保存的结果.....	9
查看检索历史及重新运行检索式.....	10

检索制剂或配方

选择 Formulations

输入制剂或配方的原料、用途、物理形态、功能或文献识别符 (包括专利号、DOI 号和 CA 入库号)

单击执行检索

高级检索

通过电子邮件发送结果

下载结果为 PDF 或 Excel 文件

保存结果并设置提醒

对比选中的制剂或配方

查看或下载专利全文

查看制剂或配方详情

点击蓝色原料名称, 查看详情

选择筛选项精检结果

制剂或配方成分, 功能及用量

Get Additional References

Formulations search for "celecoxib"

10 Selected 76 Results

Sort: Relevance

Remove from Compare

Save Results and Set Alerts

Your Saved results can be found on the Saved page in CAS Formulus. You can change Alert frequency, edit, or rerun your search at any time.

Name: celecoxib

Alert Frequency: No Alerts, Weekly, Monthly

Save Cancel

Pharmaceutical Tablets Containing Celecoxib: Antiinflammatory Agents or Analgesics

Location: Example 1A, Table 1, 4

Purpose: Analgesics, Anti-inflammatory agents

Target: Homo sapiens, Lower back pain, Osteoarthritis, Rheumatoid arthritis, cervical shoulder arm syndrome, shoulder periarthritis

Delivery Route: Oral drug delivery systems

Physical Form: Tablets

Component	Function	Amount Reported
Group: granulated celecoxib	active agent	1008 g
Celecoxib	nonsteroidal antiinflammatory agent [®]	1200 g
Mannitol	excipient	102 g
D-Glucose, 4-O-β-D-galactopyranosyl-, hydrate (1:?)	excipient	264 g
Hydroxypropyl cellulose	disintegrating agent	384 g
Additional group components reported		
Magnesium stearate	lubricants	12 g

PATENT

Pharmaceutical tablet containing celecoxib as anti-inflammatory and analgesic agent

Assignee: Ohara Pharmaceutical Co., Ltd.

JP2019089758

Language: Japanese

Patent PDF View in CAS SciFinder[®]

View Formulation Detail

11 Similar Formulations - View All (opens in a new window)

Oral Pulsatile Drug Delivery System of Celecoxib: Antiinflammatory Agents or Analgesics--Controlled Release Drug Delivery Systems for Pharmaceutical Formulation

Location: Article Page 1, 3, 4, Table 1

Purpose: Analgesics, Anti-inflammatory agents

Delivery Route: Oral drug delivery systems

Physical Form: Tablets

Add to Compare

Component	Function	Amount Reported
Group: celecoxib granules	active agent	-
Celecoxib	nonsteroidal antiinflammatory agent	-
Mannitol	-	-
other ingredients	-	-
hydroxypropyl methylcellulose 50 cPs	-	3 %

JOURNAL

Formulation and evaluation of pulsatile drug delivery system of celecoxib

World Journal of Pharmaceutical Research

Language: English

View in CAS SciFinder[®]

查看制剂或配方详情

将制剂或配方详情下载为 pdf 格式文件，保存至本地电脑

Pharmaceutical Tablets Containing Celecoxib: Antiinflammatory Agents or Analgesics

保存制剂或配方详情

Purpose	Target	Delivery Route	Physical Form	Source
Analgesics, Anti-inflammatory agents	Homo sapiens, Lower back pain, Osteoarthritis, Rheumatoid arthritis, cervical shoulder arm syndrome, shoulder periarthritis	Oral drug delivery systems	Tablets	View

Your Saved items can be found on the Saved page in CAS Formulus.

④ Predicted value

制剂或配方原料

Formulation Ingredients Expand All Groups | Collapse All Groups

Component	Function	Amount Reported	Optionality
Group: granulated celecoxib	active agent	1008 g	Mandatory
Magnesium stearate	lubricants	12 g	Mandatory

Similar Formulations NEW

相似的制剂或配方

Pharmaceutical Tablets Containing Celecoxib: Antiinflammatory Agents or Analgesics

Purpose: Analgesics, Anti-inflammator...
Target: Homo sapiens, Lower back pai...
Delivery Route: Oral drug delivery syst...
Physical Form: Tablets

Pharmaceutical Tablets Containing Celecoxib: Antiinflammatory Agents or Analgesics

Purpose: Analgesics, Anti-inflammator...
Target: Homo sapiens, Lower back pai...
Delivery Route: Oral drug delivery syst...
Physical Form: Tablets

Pharmaceutical Tablets Containing Celecoxib: Antiinflammatory Agents or Analgesics

Purpose: Analgesics, Anti-inflammator...
Target: Homo sapiens, Lower back pai...
Delivery Route: Oral drug delivery syst...
Physical Form: Tablets

Pharmaceutical Tablets Containing Celecoxib: Antiinflammatory Agents or Analgesics

Purpose: Analgesics, Anti-inflammator...
Target: Homo sapiens, Lower back pai...
Delivery Route: Oral drug delivery syst...
Physical Form: Tablets

Process **制备工艺**

celecoxib, D-mannitol, lactose hydrate and low-substituted hydroxypropyl cellulose were added into a high-speed stirring granulator to obtain a mixture. polyvinyl alcohol and sodium lauryl sulfate were dissolved in purified water to obtain a solution. the obtained solution was added dropwise or sprayed over the mixture obtained above and wet granulated to a particle diameter of 4 mm in a crusher. the granulated product was put into a fluid bed dryer supplied with air at a temperature of 85 °C and dried at 40 °C. the dried product was further crushed to obtain granulated celecoxib of diameter 1 mm. the obtained celecoxib granulated product was mixed with magnesium stearate and tableted at 600 kgf pressure to obtain a circular tablet of 340 mg and 9.5 mm diameter.

Experimental Activity **制剂或配方实验评估**

Descriptor	Notes	Details
dissolution rate of celecoxib	after 15 minutes	28.1 %
dissolution rate of celecoxib	after 30 minutes	62 %
dissolution rate of celecoxib	after 45 minutes	88.3 %
dissolution rate of celecoxib	after 60 minutes	97.4 %

Source Patent **专利来源**

Pharmaceutical tablet containing celecoxib as anti-inflammatory and analgesic agent

Assignee : Ohara Pharmaceutical Co., Ltd.
JP2019089758
Language: Japanese
Location: Example 1A, Table 1, 4

[Patent PDF](#) [View in CAS SciFinder®](#)

高级检索

Advanced Formulations Search ?
 Searches the following content fields: Ingredient, Function, Purpose, Physical Form, Delivery Route, and Target.
 At least two search terms are required.

Operator: or

Enter one term

All Fields Required Celecoxib

Purpose Excluded Analgesics
 Ex: herbicide, fertilizer, bakery product

Add Another Term 添加另一项检索式

Clear All 清除所有内容

Search 单击执行检索

点击下拉菜单，浏览并选择应用范围

- All Fields
- Form
- Function
- Ingredient
- Purpose
- Route
- Target

- Optional
- Required
- Optional
- Excluded

输入检索式

点击下拉菜单，浏览并设置运算符

添加另一项检索式

清除所有内容

单击执行检索

不同制剂或配方信息的对比

Comparing your Formulations

选择感兴趣的制剂或配方进行对比，一次最多可以比较三种不同制剂或配方的信息详情

可将制剂或配方比较结果下载为 pdf 格式文件，保存至本地电脑

	Formulation 1	Formulation 2
Title	Pharmaceutical Tablets Containing Celecoxib: Antiinflammatory Agents or Analgesics	Pharmaceutical Composition for Relieving Pain: Analgesics
Purpose	Analgesics, Anti-inflammatory agents	Analgesics
Target	Homo sapiens, Lower back pain, Osteoarthritis, Rheumatoid arthritis, cervical shoulder arm syndrome, shoulder periarthritis	Homo sapiens, Pain
Delivery Route	Oral drug delivery systems	Oral drug delivery systems
Physical Form	Tablets	Tablets
Experimental Activity	Available	Available
Components	<p>Group: granulated celecoxib Function: active agent Amount Reported: 1008 Optionality: Mandatory</p> <p>Celecoxib Function: nonsteroidal antiinflammatory agent Amount Reported: 1200 g Optionality: -</p> <p>Mannitol Function: excipient Amount Reported: 102 g Optionality: -</p> <p>D-Glucose, 4-O-β-D-galactopyranosyl-, hydrate (1:?) Function: excipient Amount Reported: 264 g Optionality: -</p> <p>Hydroxypropyl cellulose Function: disintegrating agent Amount Reported: 384 g Optionality: -</p> <p>Magnesium stearate Function: lubricants Amount Reported: 12 g Optionality: -</p>	<p>Group: celecoxib mixture Function: Amount Reported: Optionality: Mandatory</p> <p>Celecoxib Function: analgesic Amount Reported: 200 mg/tablet Optionality: -</p> <p>Croscarmellose sodium Function: disintegrants Amount Reported: 16.2 mg/tablet Optionality: -</p> <p>Mannitol Function: pharmaceutical excipients Amount Reported: 125.2 mg/tablet Optionality: -</p> <p>Sucrose palmitate Function: pharmaceutical excipients Amount Reported: 5 mg/tablet Optionality: -</p> <p>Group: tramadol hydrochloride mixture Function: Amount Reported: Optionality: Mandatory</p>

检索原料

Help & Support Alerts Saved

Searching for... Formulations Ingredients

Ingredients Search by Ingredient Name, CAS Registry Number, or Function

propylene glycol

输入原料名称、CAS 登记号或功能信息

单击执行检索

在页面左侧选择 Ingredients

Return to Home

Ingredients search for "propylene glycol"

通过电子邮件发送结果

保存结果并设置提醒

选择筛选项精检结果

2 Selected 3 Results

1

CAS RN: 57-55-6

View Details

CC(O)CO

C₃H₈O₂

(±)-Propylene glycol

Propylene glycol

Key Physical Properties	Value	Condition
Molecular Weight	76.09	-
Melting Point (Experimental)	-59 °C	-
Boiling Point (Experimental)	188.2 °C	-
Density (Experimental)	1.036 g/cm ³	Temp: 25 °C

Commonly Used As: Solvents; Carriers; Plasticizers; Humectants; Antifreeze...

Similar Ingredients with Regulatory Information

- 27194-74-7 Propylene glycol monolaurate
- 29387-86-8 Propylene glycol butyl ether
- 30133-90-0 Propylene glycol diethyl ether

查看制剂或配方中，与该原料同时使用的其它配伍成分

查看使用该原料的制剂或配方

Formulations Suppliers Add to Designer

查看原料供应商信息

将原料添加至 Formulation Designer

查看管控信息及清单

查看实验属性

CAS RN: 25322-69-4

View Details

Polypropylene glycol

propylene glycol

Key Physical Properties	Value	Condition
Melting Point (Experimental)	50-70 °C	-

查看原料供应商信息

Return to Home

Filter by (120)

选择筛选项精检结果

- Grade
 - Molecular Biology Grade (8)
 - Reference Material (6)
 - Reagent Grade (5)
 - Reference Material, ISO 17025 (2)
 - Reference Material, ISO 17034 (2)
- Certificate of Analysis
 - Available (5)
- Bulk Availability
 - Available (9)
- Supplier
 - LGC (10)
 - FUJIFILM Wako Pure Chemical Corporation (6)
 - Sigma-Aldrich (4)
 - A2B Chem LLC (3)
 - AA BLOCKS LLC (3)
- Supplier-Reported Properties
 - Solubility (6)
 - Description (5)
 - Hazard Information (2)
 - Primary Action (1)
- Order from Supplier
 - Available (51)

Ingredients

Results for **Celecoxib**
CAS RN: 169590-42-5

下载结果为 Excel 文件

Enamine US Inc.
[View Details](#) — **查看供应商联系方式、货运详情及发货地址选项**

Product Information	Quantity Information	Ordering & Shipping
Name: 4-[5-(4-methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl]benzene-1-sulfonamide	Available Amounts: 100 mg USD 19.00 100 g USD 404.00 250 mg USD 19.00 500 mg USD 21.00 1 g USD 26.00 2.5 g USD 36.00 5 g USD 43.00 10 g USD 72.00 25 g USD 145.00 50 g USD 250.00	Order from Supplier Ships Within: 1 week Status: Maintained in stock

点击打开来自供应商的购买页面

Aaron Chemicals LLC
[View Details](#)

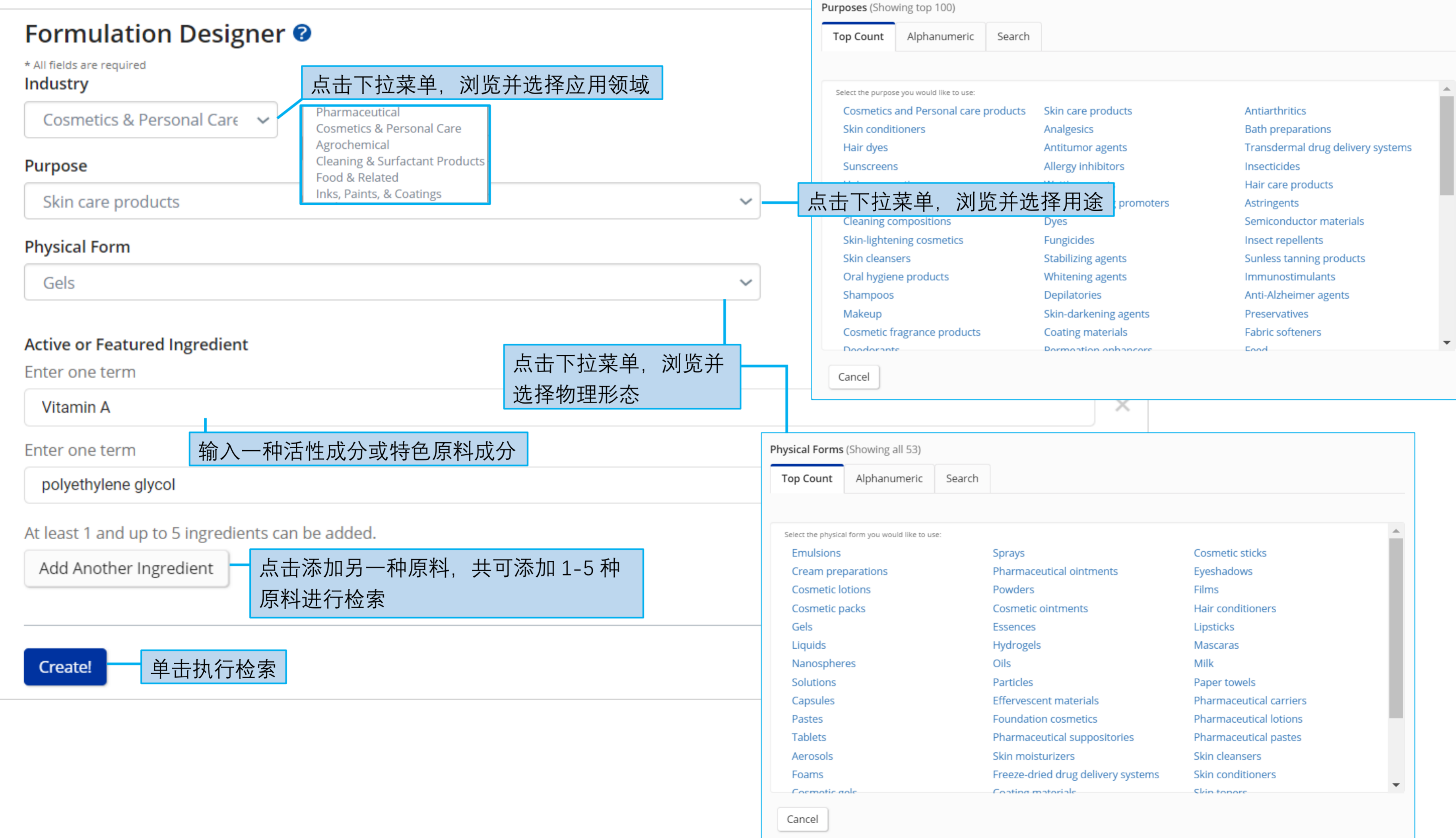
Product Information	Quantity Information	Ordering & Shipping
Name: Benzenesulfonamide,4-[5-(4-methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl]	Available Amounts: 1 g USD 4.00 5 g USD 7.00 25 g USD 25.00 100 g USD 77.00 500 g USD 352.00	Order from Supplier Ships Within: 1 week Status: Maintained in stock

eNovation Chemicals LLC
[View Details](#)

Product Information	Quantity Information	Ordering & Shipping
Name: 4-[5-(p-Tolyl)-3-(trifluoromethyl)-1-pyrazolyl]benzenesulfonamide	Available Amounts: 100 g USD 135.00	Product Information Ships Within: 4 weeks Status: Limited or intermittent availability

点击打开供应商的原料产品页面

设计制剂或配方



查看制剂或配方设计结果详情

点击 Edit, 可重新编辑制剂或配方的应用领域、用途、物理形态、活性成分或特色成分

点击下载结果为 Excel 文件

Industry	Purpose	Physical Form	Active or Featured Ingredient
Cosmetics & Personal Care	Skin care products	Gels	Vitamin A polyethylene glycol
Edit	Edit	Edit	Edit

Base Selections

Template

Function	Ingredient	Regulatory	Top Alternatives	Amounts
Active or Featured Ingredient:	Vitamin A	ANMAT	-	Amount not available
Active or Featured Ingredient:	polyethylene glycol	ANMAT; Cosing: Cosmetic Ingredient Inventory; Drug Master File List; EPA Pesticide Inactive Ingredients; FDA GRAS (Part 181, Subpart B); FDA Inactive Ingredients Database	-	Amount not available
Function: Carriers	Polyethylene glycol View More Alternatives	ANMAT; Cosing: Cosmetic Ingredient Inventory; Drug Master File List; EPA Pesticide Inactive Ingredients; FDA GRAS (Part 181, Subpart B); FDA Inactive Ingredients Database	Water; Ethylene glycol	Approximate Range: 3 - 4%
Function: Skin conditioners	Glycerol View More Alternatives	ANMAT; Cosing: Cosmetic Ingredient Inventory; Drug Master File List; EMA Excipients List; EPA Pesticide Inactive Subpart A); FDA GRAS (Part 182, Subpart B); FDA Inactive Ingredients Database	Allantoin; Ethylene glycol; 1,2-Octanediol; Tricaprin; Palm-oil glycerides, monoglycerides, diglycerides and triglycerides, hydrogenated	Approximate Range: 3 - 11%
Function: Emulsifying agents	Glyceryl stearate	Cosing: Cosmetic Ingredient Inventory; EPA Pesticide Inactive Ingredients	There are no alternatives available for this ingredient.	Approximate Range: 3 - 6%

点击查看原料详情

点击查看原料管制信息

点击查看可替代的原料选项

Alternative Ingredients (Showing all 7)

Select the ingredient you would like to use:

Allantoin	Tricaprin	hydrogenated
Ethylene glycol	Palm-oil glycerides, monoglycerides, diglycerides and triglycerides,	Glyceryl polyacrylate
1,2-Octanediol		N-(2-Hydroxyethyl)acetamide

查看提醒更新的结果

The screenshot shows the 'Alerts' section of the CAS Formulus interface. At the top, there is a navigation bar with the CAS Formulus logo, a search bar, and user profile icons. Below the navigation bar, a 'Return to Home' link is visible. The main content area is titled 'Hi Xiaoyan Z, here are your latest Alerts...'. It displays a list of alerts with the following details:

- December 10, 2022:** New content has been added for:
 - +Function:"carrier"
 - +Ingredient:"chitosan"
 - Ingredient:"liposome"
 Action buttons: **View New Results** (highlighted), View Saved Item.
- August 6, 2022:** New content has been added for:
 - Resiquimod
 Action buttons: **View New Results** (highlighted), View Saved Item.
- July 25, 2022:** New content has been added for:
 - Resiquimod
 Action buttons: **View New Results** (highlighted), View Saved Item.

Callouts on the right side of the page point to the 'View New Results' buttons with the text '查看更新的结果' and '查看保存项'.

查看或编辑已保存的结果

The screenshot shows the 'Your Saved Items' section of the CAS Formulus interface. At the top, there is a navigation bar with the CAS Formulus logo, a search bar, and user profile icons. Below the navigation bar, a 'Back to Previous' link is visible. The main content area is titled 'Your Saved Items' and shows a list of 4 saved items:

- Pharmaceutical Tablets Containing Celecoxib: Antiinflammatory Agents or Analgesics:** December 27, 2022, 3:20 PM. Action button: **View Detail** (highlighted).
- Vitamin A:** December 27, 2022, 3:13 PM. Formulations: Vitamin A (16 Results) + Filter(s). Action button: **Rerun Search** (highlighted).
- propylene glycol:** December 27, 2022, 3:08 PM. Ingredients: propylene glycol (16 Results). Action button: **Rerun Search** (highlighted).

Callouts on the left side of the page point to the 'Saved Items' menu item with the text '或在更新的结果页面左侧, 选择 saved items 以查看保存项' and '查看或设置结果更新提醒'. A callout on the right side points to the three-dot menu icon with the text '编辑或删除保存项'. A callout at the top right points to the 'View Saved Item' button with the text '单击查看保存项'. A callout at the bottom right points to the 'Edit Name' and 'Delete Saved Result' options in the menu with the text '编辑或删除保存项'.

查看检索历史及重新运行检索式

在左侧单击 History, 查看检索历史

重新运行检索式

编辑检索式

Time	Category	Search Term	Count	Actions
3:34 PM	Ingredients	propylene glycol	(16)	Rerun Search, Edit Search
3:18 PM	Formulations	celecoxib	(8123)	Rerun Search, Edit Search
3:11 PM	Formulations	Vitamin A	(373240)	Rerun Search, Edit Search

The screenshot displays the CAS Formulus web application interface. At the top, there is a navigation bar with the CAS Formulus logo on the left and utility icons for Help & Support, Alerts, Saved, and a user profile on the right. Below the navigation bar, the main content area is divided into two sections. On the left, under 'Searching for...', there are three buttons: 'Formulations', 'Ingredients' (which is highlighted in blue), and 'Formulation Designer'. Below these buttons is a light blue box with the text: 'Design custom formulations templates based on selections and ingredients.' On the right, under 'Ingredients', there is a search input field with the placeholder text 'Search by Ingredient Name, CAS Registry Number, or Function' and a search icon. Below the search input field, there is a 'Recent Search History' section. This section is titled 'Recent Search History' and has a 'View Search History' link. The history table shows four entries from December 27, 2022. Each entry includes a timestamp, a search type (Ingredients or Formulations), the search term, and two buttons: 'Rerun Search' and 'Edit Search'. Annotations in Chinese are present: '在 CAS Formulus 主页下方查看近期检索历史' points to the 'Recent Search History' title; '查看全部检索历史' points to the 'View Search History' link; '重新运行检索式' points to the 'Rerun Search' button for the celecoxib entry; and '编辑检索式' points to the 'Edit Search' button for the same entry.

在 CAS Formulus 主页下方查看近期检索历史

查看全部检索历史

Recent Search History [View Search History](#)

December 27, 2022			
3:34 PM	Ingredients	propylene glycol (16)	Rerun Search Edit Search
3:18 PM	Formulations	celecoxib (8123)	Rerun Search Edit Search
3:11 PM	Formulations	Vitamin A (373240)	Rerun Search Edit Search
3:08 PM	Ingredients	propylene glycol (16)	Rerun Search Edit Search

参考 CAS Formulus® Help 信息, 联系 china@acs-i.org, 010-62508026/7 获取帮助。