



CAS SCIENTIFIC PATENT EXPLORER™

导航专利全景， 激发创新火花

加速 IP 检索的强大、全新工具

CAS Scientific Patent Explorer 将专利分析和广泛的专利内容与全球领先的 CAS 化学能力和内容进行独特的结合，为专利专业人士和科学家提供易于使用的强大解决方案。

便捷地检索化学与非化学专利

通过专利类型或专利局筛选专利，节省您的检索时间

快捷地导出检索结果或与您的同事分享检索结果

The screenshot shows the search interface with several key components:

- Filters:**
 - Patent type:** Application, Patent, Utility (all checked).
 - All databases:** 5/115 (unchecked).
 - IP 5:** United States (US), China (CN), EPO (EP), Japan (JP), Korea (KR) (all checked).
 - Major jurisdictions:** WIPO (WO), Austria (AT), Australia (AU) (unchecked).
- Field search:**
 - Main Fields: Anticoagulation fluid
 - AND: Current Assignee: Baxter
 - OR: Current Assignee: Merck
- Custom Fields:** A pop-up window titled "Custom Fields" with a "Save as export template..." button. It shows a list of "Available Fields" (Priority Date, Original Assignee, Docdb Assignee, First Current Assignee, Inventor Name, First Inventor, Agency, CPC, Title (Translated), Patent Type) and "Chosen Fields (7/30)" (Publication Number, Application Number, Publication Date, Authority, Current Assignee, Claims, Legal Status). Buttons for "Save as: Monthly Report", "Save", and "Cancel" are visible.

多种颜色高亮显示，助力快速找到目标专利

The screenshot displays a patent record page for US5039604A. The top section includes the abstract and claims. Below this is a search results table with the following columns: Publication Number, Title, Legal Status & Events, Publication Date, Application Number, and Application Date. The table lists several patents, with the first one (US5039604A) highlighted in blue. A "Highlighter" panel on the right shows color-coded filters for "assay", "antibodies", "viral", and "compounds".

Publication Number	Title	Legal Status & Events	Publication Date	Application Number	Application Date
1 US5039604A	Test device and method of preparing same, assay kit and method for the simultaneous detection of two HTLV or HIV antibodies	Non-payment Transfer	13 Aug 1991	US07088133	21 Aug 1987
2 US20070269420A1	Compositions, Compositions and Methods for Treatment and Prophylaxis of Hepatitis C Virus Infections and Associated Diseases	Withdrawal Transfer	22 Nov 2007	US10579613	24 Nov 2004
3 US20050191703A1	Identification and use of antiviral compounds that inhibit interaction of host cell proteins and viral proteins required for viral replication	Non-payment Transfer License	01 Sep 2005	US10724273	24 Nov 2003
4 US20020094521A1	Assay for detection of viral fusion inhibitors	Non-payment Transfer Precede	18 Jul 2002	US09779451	09 Feb 2001



利用 CAS 科学家提供的独特标引

US20160244460A1 Antiviral compounds

Overview Dual View Citation Family **Concepts** Substances Formulations

Pharmaceutical excipients

Pharmaceutical diluents

Viral proteins
Modifier: RSV polymerase, inhibitor, codrug
Role: Biological Study, Unclassified

Single-domain antibodies
Modifier: Nanobody, anti-RSV, codrug
Role: Pharmacological Activity, Therapeutic Use

Antibodies and Immunoglobulins
Modifier: anti-RSV, codrug
Role: Pharmacological Activity

Antibodies and Immunoglobulins
Modifier: high titer, human
Role: Biological Study, Unclassified

Interferons

WO2020104456A1 Inhibitors of α -amino- β -carboxymuonic acid semialdehyde decarboxylase

Overview Dual View Citation Family **Concepts** Substances Formulations Reactions

223 Substances

101 2428519-75-8 3-Pyridinecarboxamide, 1,6-dihydro-4,...	102 2428519-75-7 3-[2-(Cyano-1,6-dihydro-4-oxo-4-oxo-1,6-...	103 2428519-74-6 3-Pyridinecarboxamide, 2,6,2,3-dihydro-...	104 2428519-73-5 3-Pyridinecarboxamide, 2,6,2,3-dihydro-...	105 2428519-72-4 Absolute stereoisomeric event.	106 2428519-71-3 C ₁₀ H ₁₂ N ₂ O ₅ Acetamide, 2-[3-(3-dihydro-6-oxo-4-thio-...
View 1 Relevant Patents	View 1 Relevant Patents	View 1 Relevant Patents	View 1 Relevant Patents	View 1 Relevant Patents	View 1 Relevant Patents

WO2020104456A1 Inhibitors of α -amino- β -carboxymuonic acid semialdehyde decarboxylase

Overview Dual View Citation Family **Concepts** Substances Formulations Reactions

105
2,6,2,3-dihydro-1,2,4-oxadiazol-5-ylidene-2-thiothiazolidin-4-one

[View 1 Relevant Patents](#)

WO2016077126A1 Sglit-2 inhibitors for treating metabolic disorders in patients with renal impairment or chronic kidney disease

Overview Dual View Citation Family **Concepts** Substances Formulations Reactions

1 Formulation

1. Pharmaceutical Composition: Therapy
View CAS Formulus Detail

Location: Claim 1, 17, 19, 21, 22, 23, 24
Purpose: therapy
Target: patient

#	Component	Function	Amount Reported
1	Ertugliflozin	sglt2 inhibitor	15 mg
2	Sitagliptin	drug: antidiabetic agent	50 mg
3	Metformin	antihyperglycemic agent	1,000 mg
4	Drugs	-	-

CAS信息科学家从专利中标引的关键词、物质、配方和反应

快速可视化分析专利内容

CAS

Overview 23 Structure(s) in Total ChemScape

Innovation Filing Trends

Publication Trend

Top IPC

Top CPC

Filing Geographies

Assignee Countries

Patenting Activity by Year

2-[(2R,3R,4R,5S)-3,4,5-Trihydr...
915278-59-0

Add mark

Patent Count
2

Molecular Formula
C₁₁H₂₂N₂O₆

SMILES
CN(C)C(=O)OCCN1C[C@@H](C)[C@@H](C)[C@H](CO)O1O

Synonyms

一站式关联专利和 CAS 专有检索技术

The screenshot displays the CAS Scientific Patent Explorer interface. On the left, there are filters for Reaction Role, Stereochemistry, Number of Components, Substance Class, and Isotopes. The main area shows a grid of chemical structures with their corresponding patent counts. A yellow box highlights the 'View 567 Relevant Patents' button for the first structure (19130-96-2). Below the grid, a table lists patent search results.

Publication Number	Title	Legal Status & Events	Publication Date	Application Number	Application Date
1 IP2021042160A	Cholesterol elevation suppressor, food and drink for suppressing cholesterol, high cholesterolemia inhibitor, food and drink for high cholesterolemia suppression, and method for producing cholesterol elevation suppressor	Examining	18 Mar 2021	JP2019165019	11 Sep 2019
2 CN112481035A	Extraction method of fresh lotus oil essential oil	Examining	12 Mar 2021	CN202011295514.6	18 Nov 2020
3 JP2021018911A	Excipients for electrolytes, electrolytes, and lithium batteries	Examining	15 Feb 2021	JP2019133521	19 Jul 2019
4 CN112358389A	A preparation method for photochemical synthesis of 2-methyl-3,4-epanthropine	Examining	12 Feb 2021	CN202011098023.2	14 Oct 2020

CAS Scientific Patent Explorer 助您开启 IP 检索之旅

- 利用文本和化学结构检索全科技领域专利
- 用 CAS 科学家创建的物质数据集及 CAS 专有算法，揭示与您研究有关的专利信息
- 用三维视图工具可视化化学结构及其相关专利

访问 cas.org 获取关于 CAS Scientific Patent Explorer 的其他详细信息

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