

Kom godt i gang med SciFinderⁿ

SciFinderⁿ er en database, som giver overblik over kemisk litteratur:

- kemiske stoffer
- reaktioner
- videnskabelige artikler
- patenter

I SciFinderⁿ finder du:

- Et omfattende register over kemiske stoffer med det unikke Cas-nummer (registreringsnummer), trivialnavne og kemiske strukturer.
- Information indenfor mange aspekter af kemi: Fysisk kemi, teknisk kemi, biokemi og medicinsk kemi (via basen *Medline*)
- Både eksperimentelle og beregnede fysisk-kemiske data

Registrering og benyttelse

Søgning i SciFinder kræver, at man er studerende eller ansat med tilknytning til Syddansk Universitet. Du skal derfor bruge din SDU-mail for at registrere dig.

Selve registreringen foregår via et link på bibliotekets databasesider under information om Scifinder: <http://libguides.sdu.dk/databaseoversigt>

SciFinder-n

Alternativt navn Chemical Abstract Online, ScFinder

No walk-in use.

Access requires registration. 

You have to use your SDU or Rsyd e-mail address otherwise you can't complete the registration.

[mindre...](#)

Covers all aspects of pure and applied chemistry.

Scifinder Scholar makes it possible to search for chemical structures, reactions, physical/chemical data, articles, books, authors and much more.

The database CAplus indexes more than 27 million documents from over 8000 journals.

The subdatabase Registry contains data from more than 32 million chemical substances. The subdatabase CASreact covers chemical reactions.

Coverage: 1907ff.

Søgning:

Der er flere indgange til at søge i SciFinder: All, Substances, Reactions, References and Suppliers samt Biosequences og Retrosynthesis.

Default søger man i All, og her kan man både finde kemiske stoffer, reaktioner, artikler og leverandører, som matcher din søgning. Du kan enten lave en tekstsøgning (f.eks. keywords eller CAS-registreringsnummer):

The screenshot shows the CAS SciFinder search interface. At the top, there is a navigation bar with the CAS SciFinder logo, a 'Saved and Alerts' button, a 'History' button, and an 'Account' button. Below the navigation bar, there is a banner with the text: 'Help shape the future of scientific discovery. [Sign up to share your insights](#) on upcoming CAS SciFinder[®] enhancements.' The main content area is titled 'Searching for...' and 'All Answer Types'. On the left, there is a vertical menu with buttons for 'All', 'Substances', 'Reactions', 'References', 'Suppliers', 'Biosequences', and 'Retrosynthesis'. The 'All' button is currently selected. The main search area has a text input field labeled 'Enter a query...' and a 'Draw' button with a search icon. Below the search area, there is a link to 'Learn More'.

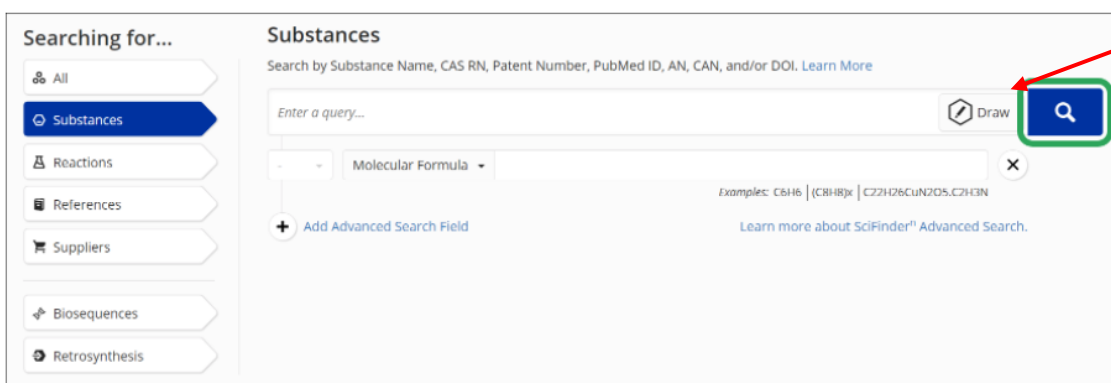
Søgning i References = artikelsøgning:

The screenshot shows the CAS SciFinder search interface for 'References'. At the top, there is a navigation bar with the CAS SciFinder logo, a 'Saved and Alerts' button, a 'History' button, and an 'Account' button. Below the navigation bar, there is a banner with the text: 'You can now use [BLAST search](#) to mine our newly enhanced collection of more than 500M proteins and nucleotides from 60+ patent authorities dating back to 1957. Plus [visually review sequence similarity and frequency](#) across your patent search results.' The main content area is titled 'Searching for...' and 'References'. On the left, there is a vertical menu with buttons for 'All', 'Substances', 'Reactions', 'References', 'Suppliers', 'Biosequences', and 'Retrosynthesis'. The 'References' button is currently selected. The main search area has a text input field labeled 'Enter a query...' and a 'Draw' button with a search icon. Below the search area, there is a dropdown menu for 'Author Name' with the text 'Enter last name, first name middle name.' and an 'Example: Schubert, J A'. There is also a '+ Add Advanced Search Field' button and a link to 'Learn more about SciFinder[®] Advanced Search.'

Her er det også muligt at vælge "Advanced search", hvor man kan søge på flere søgetermer ad gangen og benytte Booleske operatører (Det er her SciFinder-n adskiller sig væsentligt fra den gamle SciFinder brugergrænseflade).

Det er muligt at søge på kemiske strukturer:

To find substances by chemical structure, first draw or upload a structure query. To begin, click the **Draw** button in the search field to open the structure editor.



Searching for...

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

Substances

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

Enter a query...

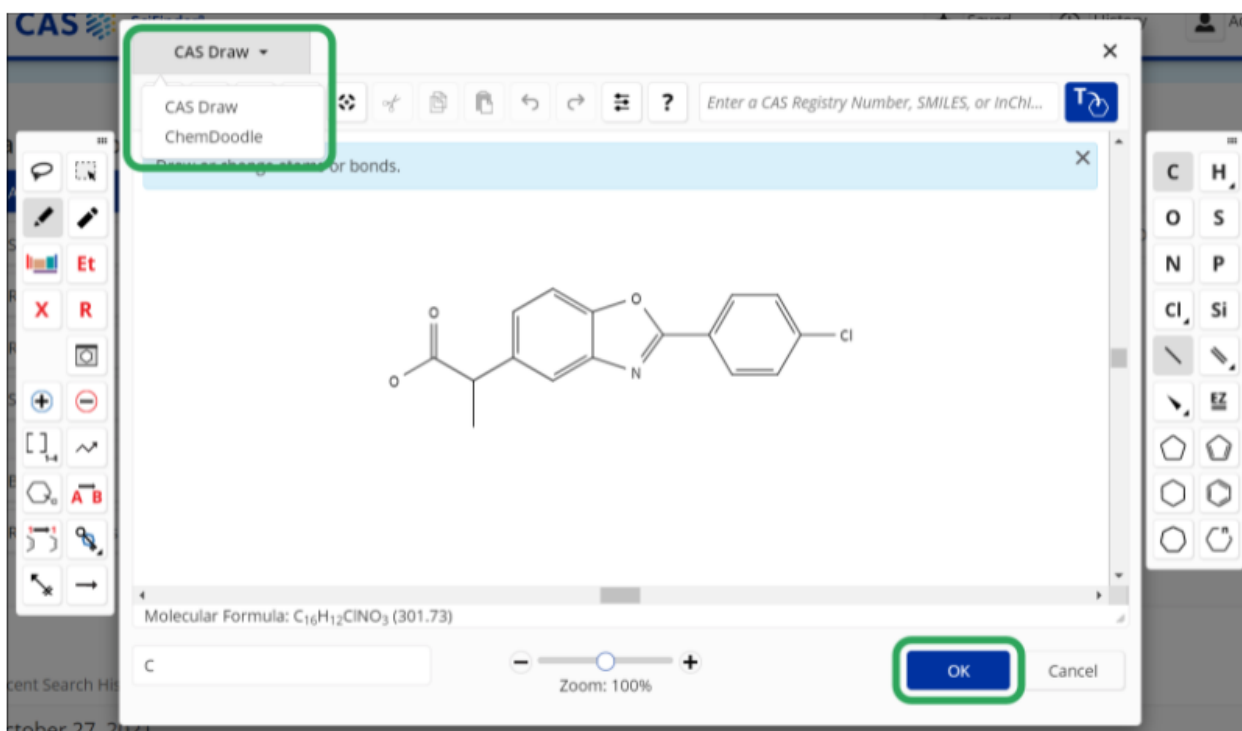
Molecular Formula

Examples: C6H6 | (C8H8)x | C22H26CuN2O5.C2H3N

[Add Advanced Search Field](#)

[Learn more about SciFinder Advanced Search.](#)

Efter man har trykket på Draw-knappen, kommer man over i dette vindue, hvor man kan vælge mellem 2 redigeringsværktøjer, CAS Draw eller ChemDoodle.



CAS Draw

CAS Draw

ChemDoodle

Draw using standard or bonds.

Molecular Formula: C₁₆H₁₂ClNO₃ (301.73)

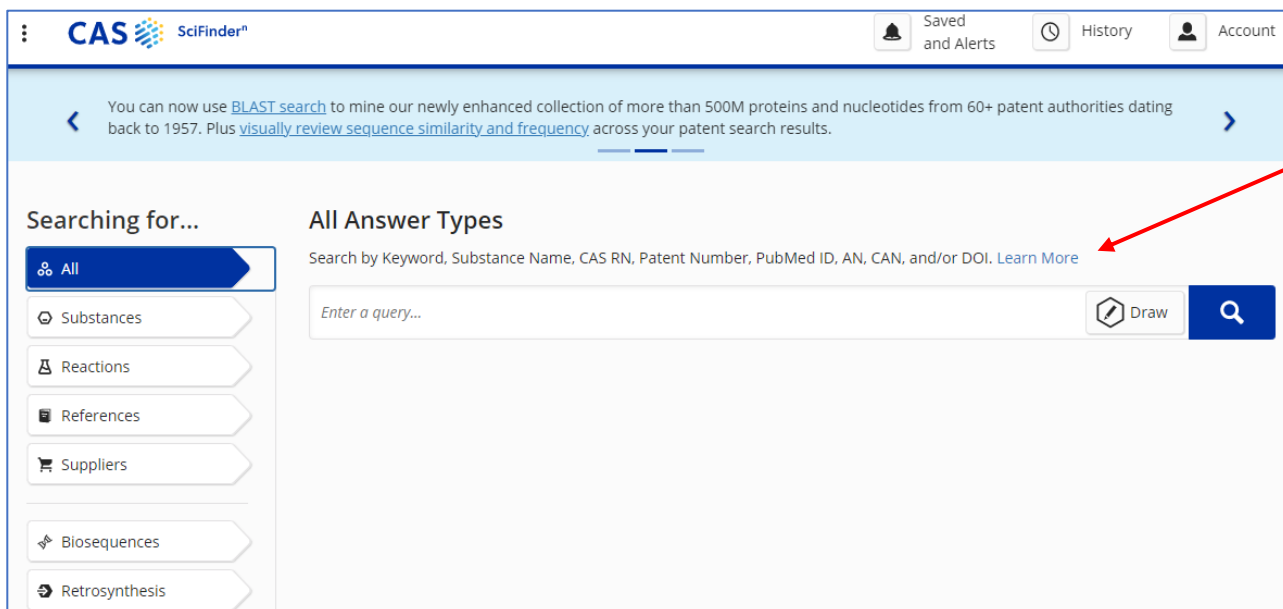
Zoom: 100%

OK Cancel

Vær opmærksom på at hvis man i All har søgt på både tekst og struktur, så vil de foreslåede reaktioner og leverandører kun inkludere strukturen (tekst-delen ignoreres), mens kemiske stoffer og artikler vil matche begge input.

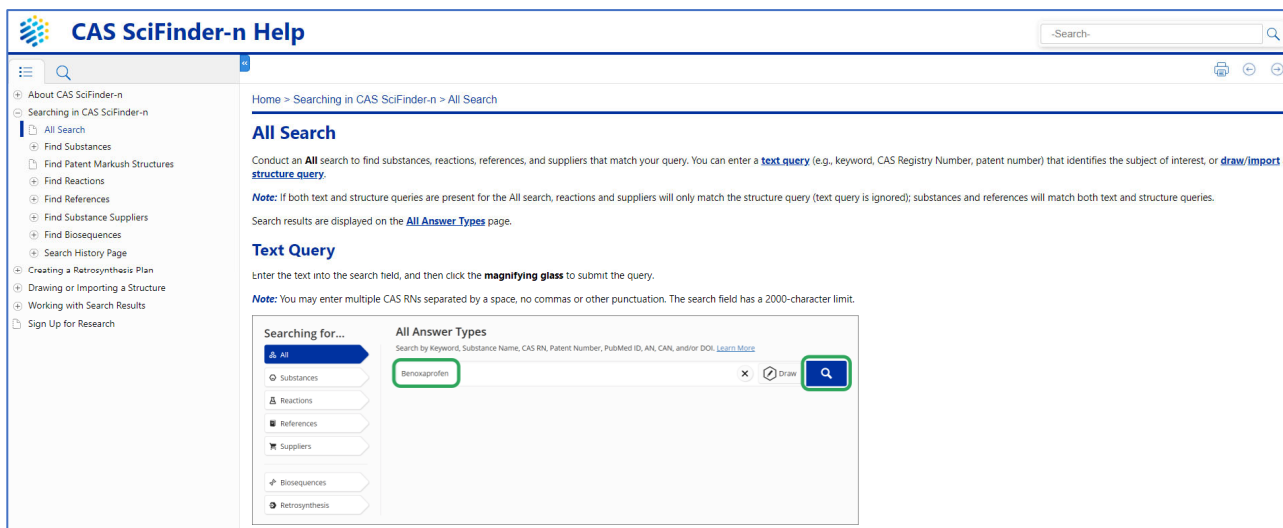
SDUB har ikke adgang til patent-delen af SciFinder-n, men man kan sagtens søge efter patenter i SciFinder-n og så læse hele patentdokumentet i databasen Espacenet ved at vælge Full Text → Espacenet.

Der er også masser af hjælp at hente inde på databasen:



The screenshot shows the CAS SciFinder-n search interface. At the top, there are navigation links for 'Saved and Alerts', 'History', and 'Account'. Below this is a banner with information about BLAST search. The main search area is titled 'Searching for...' and 'All Answer Types'. On the left, there is a sidebar with search filters: All, Substances, Reactions, References, Suppliers, Biosequences, and Retrosynthesis. The search bar contains the text 'Enter a query...' and a 'Draw' button. A red arrow points to the 'Learn More' link in the search instructions.

”Learn More” fører dig hertil:



The screenshot shows the CAS SciFinder-n Help page. The page is titled 'CAS SciFinder-n Help' and contains a search bar. The main content area is titled 'All Search' and provides instructions on how to use the search function. A search bar is shown with the text 'Benzoxapipron' and a 'Draw' button.

Denne vejledning giver kun en basal forklaring i at benytte Scifinder-n. Bedre udnyttelse af basen og dens mange muligheder for kemisk informationssøgning kan opnås via vejledninger på CAS's hjemmeside (<https://www.cas.org/support/training/scifinder-n#started>) og sidst, men ikke mindst, gennem praktisk erfaring med benyttelse af basen!

Du er også velkommen til at stille spørgsmål til fagreferent i kemi: Katrine Astrup Jacobsen, kaasja@bib.sdu.dk