



SciFinder<sup>n</sup> is the world's largest and most comprehensive database for chemical reactions, substances, structures, and indexed chemistry patents.

First-time users need to register to use SciFinder<sup>n</sup>.

To register, go to: <a href="http://ezproxy.massey.ac.nz/login?url=https://scifinder-n.cas.org/">http://ezproxy.massey.ac.nz/login?url=https://scifinder-n.cas.org/</a> and click on "Create an account".

## As of March 2021, SciFinder<sup>n</sup> contains

- 54 Million Journal and other Scientific Literature References and millions of global Patents with PatentPak
- 179 Million Compounds and Substances, including physical, chemical and biological properties, spectra, CAS Registry Number, regulatory information and synonyms
- 1.3 Million Markush Structures
- 134 Million Single and Multi-Step Reactions, including millions of fully described Synthesis Methods with MethodsNow-Synthesis
- 500 Million Protein and Nucleotide Sequences searchable by BLAST, Motif or CDR Search Techniques
- Substance Search Results visualization via ChemScape and BioScape
- Retrosynthesis Planner with sophisticated CASD and AI to enable predictive routes to novel compounds

## More about patent searching:

SciFinder<sup>n</sup> contains +16 million scientific patents from more than 60 countries, including interactive patents with the location of compounds and chemistry located (PatentPak). Search

patents by normal or Markush structure, and also by reaction. SciFinder<sup>n</sup> has powerful search functions to find scientific and engineering patents by Keyword and Boolean searches.

More about sequence searching:

SciFinder<sup>n</sup> contains more than 500 million nucleotide and protein sequences, and allows you to search via BLAST, Motif or CDR (Complimentary Determining Region) search techniques. You will find alignments with misalignments highlighted and you can easily retrieve the relevant journal and patent references to you sequence query. The visualization platform BioScape helps to enable analyzing results.

If you need further assistance, contact a librarian:

Phone 0800 MASSEY (0800 627 739) and ask for the Library

Email library@massey.ac.nz