

Chemical Data Extractor

Quick Reference

Everything you need while running a search, on two pages

Version 3.2 · Desk card

Print this one. It contains the search steps, expansion depths, status meanings, the export-file map, plan limits and the short troubleshooting table.

Generated from the application's documentation source (`docs/tutorial/quick-reference.md`), so it always matches the shipped interface.

Contents

Quick Reference	3
The four steps of a search	3
Choosing a depth	3
Status meanings	3
Export files at a glance	3
Two limits to remember	3
Plans	3
Searching patents	4
When something goes wrong	4

Quick Reference

Chemical Data Extractor v3.2 · desk card

The four steps of a search

1. Type the protein or compound name into **Query**.
2. Leave **Query type** on **Auto** unless you know it is a protein or ligand.
3. Choose an **expansion depth**: 1 for direct hits, 2 for a working network, 3–4 for full pathway and disease context.
1. Click **Run search**, then watch the log and download the exports.

Choosing a depth

Depth	Use it for	Runtime
1 hop	Direct targets, known ligands, structure lookup	20–90 s
2 hops	Screening, mechanism of action, pathway entry	1–4 min
3 hops	Pathway and disease context	3–10 min
4 hops	Exhaustive network mapping	5–20 min

Status meanings

Status	Meaning
Queued	Accepted, waiting for the single search slot or for the engine to wake
Running	Working — the log is live
Completed	Exports are ready to download
Failed	Read the message in the red banner, then re-run

Export files at a glance

File	Open it in
*_Knowledge_Graph.xlsx	Excel or LibreOffice
nodes.csv, edges.csv	Excel, any data-analysis tool, a database importer
graph.graphml	Gephi, Cytoscape, yEd
neo4j_import.cypher	Neo4j
graph.ttl	Any RDF store (Blazegraph, Jena)
nodes.parquet, edges.parquet	Columnar tools (DuckDB, Spark, R, Python)
structure_images/	Any image viewer

Two limits to remember

- **One search at a time.** A second search queues and starts automatically.
- **Exports are deleted about 30 minutes after the run.** Download what you need.

Plans

Plan	₹ / month	Searches	Analyst messages
Free	0	3	5

Academic	249	30	100
Starter	499	50	250
Professional	1,999	300	1,500
Team	7,499	3,000	10,000

Searching patents

Search a compound name to get the patents covering it, or a publication number (US6280349, W02004018667 A1) to resolve that patent directly.

When something goes wrong

Symptom	Do this
"Search lost — engine restarted"	The server was replaced. Run it again.
"Connection lost"	Check your network, then run again.
Almost no results	Use the full name or a database identifier.
Amber lines in the log	A database timed out and was skipped; harmless.
Payment not reflected	Do not pay twice. Reload the page.
No patents for a compound	Coverage is strongest for well-known compounds; try the full name.
A patent number returns a search link	The public patent endpoint was rate-limited. Retry shortly.

Full explanations: see the **User Tutorial**.