

MolDraw policies and help pages

Privacy policy, terms of service, community and editorial guidelines, AI help and updates.

MolDraw (<https://www.moldraw.com>) · Help centre: <https://www.moldraw.com/support/> · Updated 2026-10-17

How to Use AI Assistant

<https://www.moldraw.com/pages/ai-help.html>

Learn how to connect a Gemini API key and use the MolDraw AI assistant for molecule drawing, naming, and chemistry questions.

MolDraw AI

Draw, name, and explore molecules using Google Gemini — right inside MolDraw.

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Step 1: Get a Free Gemini API Key

1

Go to [Google AI Studio → API Keys](#)

2

Sign in with your Google account.

3

Click "**Create API key**" and copy the key (starts with AIza...).

The Gemini API has a generous free tier — plenty for everyday use in MolDraw.

Step 2: Paste the Key in MolDraw

1

Open MolDraw and click the **AI** button (bottom-right of the 3D viewer).

2

Click the ⚙ **gear icon** in the chat header.

3

Paste your API key and click **Save**. It's stored locally in your browser — never sent anywhere except Google's API.

Step 3: Start Using It!

Type commands in the chat box. The AI can control the canvas and answer chemistry questions.

Draw molecules by name

You: draw aspirin

AI: Draws the aspirin structure on the canvas.

Name the current structure

You: what is this molecule?

AI: Tells you the IUPAC name and common name.

Show reactions

You: show Fischer esterification of acetic acid and ethanol

AI: Draws the reaction on the canvas.

Add structures without clearing

You: also add caffeine

AI: Adds caffeine alongside existing structures.

Ask about properties

You: what is the molecular weight of this?

AI: Calculates and tells you.

Clear the canvas

You: clear the canvas

AI: Clears everything.

Remote MCP connector

Any MCP client can connect. Users sign in with their MolDraw account. See privacy and security .

Tips

- The AI reads the current structure on the canvas (SMILES), so it always knows what you're working on.
- Press **Enter** to send, **Shift+Enter** for a new line.
- Your API key is saved in your browser's local storage. Clear it anytime via the ⚙ menu.
- Powered by **Gemini 2.5 Flash** for fast responses.

Authors and Team

<https://www.moldraw.com/pages/authors.html>

Meet the authors and contributors behind MolDraw.

Primary Author

Rafeeqe Mavoor - Product and development lead.

Community Guidelines

<https://www.moldraw.com/pages/community-guidelines.html>

MolDraw Community Guidelines for safe, useful chemistry discussions, feature requests, image uploads, and moderation.

What Belongs Here

- Chemical structure drawing questions, editor tips, export workflows, 3D visualization, spectra tools, and teaching use cases.
- Bug reports, feature requests, screenshots, and constructive feedback about MolDraw.
- General educational chemistry discussion that is safe, lawful, and appropriate for students, educators, and researchers.

Not Allowed

- Instructions, recipes, optimization, or troubleshooting for illegal drug synthesis or controlled-substance production.
- Explosives, incendiaries, weaponization, harmful/toxic misuse, poisoning, or instructions that enable injury or property damage.
- Unsafe lab instructions that omit necessary controls, PPE, waste handling, or legal/compliance requirements.
- Medical, clinical, diagnostic, dosage, or treatment advice. The community is not a medical advice service.
- Harassment, hate, threats, sexual content, spam, impersonation, or sharing private personal information.
- Copyrighted, confidential, or proprietary content that you do not have permission to share.

Posting and Uploads

- Keep posts clear, specific, and relevant to chemistry drawing or MolDraw workflows.
- Only upload images that you have the right to share and that do not contain private or sensitive information.
- Do not upload malicious files, misleading screenshots, or content intended to bypass moderation.

Reporting and Moderation

Use the Report button on posts, comments, or feature requests if you see spam, abuse, privacy issues, unsafe chemistry, illegal activity, weaponization, or medical advice.

MolDraw admins may hide, remove, review, or restrict content and accounts to protect the community. Moderation decisions prioritize safety, legal compliance, and usefulness for students and researchers.

Contact

<https://www.moldraw.com/pages/contact.html>

Contact the MolDraw team for support and feedback.

Email

General support and technical questions: rafeequemavoor@gmail.com

Social

Follow updates on X/Twitter: <https://x.com/DrawMol35803>

Editorial Guidelines

<https://www.moldraw.com/pages/editorial-guidelines.html>

Editorial standards used for MolDraw educational and support content.

Accuracy

Content should prioritize chemistry accuracy, clear notation, and practical reproducibility where possible.

Transparency

When features rely on AI predictions or third-party services, that dependency should be clearly disclosed.

Maintenance

Outdated references and deprecated workflow guidance should be revised as product functionality evolves.

MolDraw MCP privacy and security

<https://www.moldraw.com/pages/mcp-privacy.html>

MolDraw MCP

It is not a second MolDraw application.

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What the server does

An MCP client connects to <https://mcp.moldraw.com/mcp> over Streamable HTTP. The user signs in with their existing MolDraw account through OAuth 2.1 (PKCE). The same endpoint works for every MCP client.

What is stored

- MCP sign-in counts toward normal monthly active users. There is no separate MCP auth charge.
- Working molecules created through MCP tools are stored as owner-scoped JSON in Redis. Default lifetime is 7 days (MCP_DOCUMENT_TTL_SECONDS=604800).
- **Share tokens** for “open in MolDraw” links use the same Redis TTL.
- **Chat transcripts are not stored.** The server only sees tool calls and structure data.
- Permanent saved designs continue to use the existing MolDraw project storage when the user saves in the editor.

Security

- Every molecule document is checked against the signed-in user id.
- Write tools are annotated separately from read tools.
- Per-user rate limiting (default 120 calls / minute).

Example prompts

Draw caffeine. Change the methyl group at position 7 to ethyl. Give me the SMILES, then export SVG.

Connect and submit

1. Point any MCP client at <https://mcp.moldraw.com/mcp>.
2. Complete MolDraw sign-in and consent.
3. For directory review: create a test account, attach this privacy page, a 512px logo (/favicon.svg or the site mark), and the three example prompts above.
4. Support: [contact](#).

Privacy Policy

<https://www.moldraw.com/pages/privacy-policy.html>

Read the Privacy Policy for MolDraw, the free web-based molecular structure drawing app.

Data Handling

MolDraw runs primarily in your browser. Molecular data you draw is processed client-side unless you use optional external services.

Analytics and support tools may collect basic technical data such as browser/device information to improve reliability and user support.

Accounts and Community Data

If you create an account, MolDraw may store your email address, profile name, designation, avatar choice, admin status, role, karma score, and timestamps needed to operate account-based features.

Community posts, comments, feature requests, upvotes, reports, public profile details, uploaded images, and moderation status labels may be stored and displayed publicly depending on the feature. Do not post private, confidential, medical, or sensitive personal information in public community areas.

Sign in with Google

If you choose "Continue with Google", Google shares your name, email address, and profile picture URL with MolDraw (scopes: openid, email, profile). MolDraw uses your email to identify your account and your name as your initial profile name. MolDraw does not use your Google profile picture as your avatar, does not request access to your Gmail, Drive, contacts, or other Google data, and does not sell or share Google user data. You can remove MolDraw's access at any time from your Google Account permissions, and you can delete your MolDraw account from your dashboard.

MolDraw's use of information received from Google APIs adheres to the [Google API Services User Data Policy](#), including the Limited Use requirements.

Image Uploads and Storage

Reports and moderation records may be stored to help admins review abuse, spam, unsafe chemistry content, illegal activity, privacy issues, and other violations of the Community Guidelines.

External Services

- PubChem lookups for compound search.
- Optional AI integrations when enabled by the user.
- Support tools such as Charla when enabled for user support.
- Hosting and analytics services for performance monitoring.

Moderation and Safety

Admins may review community content and reports, moderate unsafe or prohibited content, and retain limited records needed to enforce the Terms, prevent abuse, and protect users.

Terms of Service

<https://www.moldraw.com/pages/terms-of-service.html>

Read the Terms of Service for using MolDraw.

Use of Service

MolDraw is provided as-is for educational, research, and general chemistry drawing use. You are responsible for validating scientific outputs before critical usage.

Accounts and Community Content

Some MolDraw features, including community posting, comments, upvotes, feature requests, image uploads, profile details, and dashboard access, require a user account. Public community posts, comments, feature requests, usernames, avatars, karma, uploaded images, and moderation status labels may be visible to other users and search engines.

You are responsible for content you submit. By posting in the MolDraw Community, you grant MolDraw permission to display, store, moderate, and use that content for operating and improving the community.

Acceptable Use

- Do not attempt to disrupt service availability.
- Do not misuse external integrations connected through the app.
- Respect third-party licenses for integrated tools and libraries.
- Do not post instructions, recipes, optimization, or troubleshooting for illegal drug synthesis or controlled-substance production.
- Do not post explosive, incendiary, weaponization, harmful/toxic misuse, poisoning, or unsafe lab instructions.
- Do not provide medical, clinical, diagnostic, dosage, or treatment advice.
- Do not harass others, spam, impersonate people, or share private personal information.

Moderation and Reports

MolDraw may review reports, remove or hide content, change feature request status, restrict accounts, or preserve moderation records when needed for safety, legal compliance, spam prevention, or community quality.

Community rules are explained in the [Community Guidelines](#), which are part of these Terms.

Uploads and External Services

Analytics and support tools may be used to understand reliability, usage, abuse prevention, and product improvements.

Updates

<https://www.moldraw.com/pages/updates.html>

See the latest updates and changes to MolDraw, the free ChemDraw alternative.

MolDraw

What's new and improved in MolDraw.

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May 2026

Feature MolDraw Community

- Added a public Community page for chemistry discussions, workflow questions, feature requests, replies, and upvotes.
- Signed-in users can create and edit posts, reply to comments, upload images, and choose a profile avatar.
- Feature requests now support community voting and admin status labels: new, under review, under progress, and done.

May 2026

Feature Local Drawings Dashboard

- Drawings now autosave locally as you work, without needing a manual save button.
- Use **New design** to start a fresh session while keeping the current drawing saved locally.
- Saved drawings appear as local project cards in the dashboard with previews and open/delete actions.
- Projects are saved in the current browser for now. Cloud saving is coming soon.

March 2026

Fix Header, Dropdown & Transparent PNG

- Fixed **More** dropdown layering so it always appears above the top bar and no longer clips.
- Improved top bar action area with cleaner behavior for dense controls.
- Updated **Transparent PNG** export to remove full background regions (including enclosed white areas) for true transparent output.

March 2026

Feature Feature Requests

- Added a toolbar option to request new MolDraw features.
- Requests can include a title, description, contact details, and optional screenshots or images.

February 2026

Feature Molecule Properties Panel

- New properties card in the 3D viewer showing compound name, IUPAC name, molecular mass, boiling point, and melting point.
- Properties are fetched automatically from PubChem when a structure is loaded or drawn.

February 2026

AI Gemini Chat Assistant

- AI chat assistant in the 3D viewer panel powered by Google Gemini.
- Ask about IUPAC names, molecular properties, or instruct the AI to draw/edit structures on the canvas.
- Removed legacy Crisp chat widget.

February 2026

Feature Accumulative PubChem Imports

- Importing a molecule from PubChem now adds it alongside existing structures on the 2D canvas instead of replacing them.
- 3D viewer also accumulates imported molecules.

February 2026

Feature IUPAC Name Lookup

- Added an IUPAC button in the toolbar to look up the IUPAC name of the drawn structure via PubChem.

February 2026

Feature JPEG Export

- Download 2D structures as JPEG from the toolbar.
- Export 3D viewer snapshots as JPEG.

February 2026

Feature Molecular Mass Display

- Shows the molecular mass of the selected molecule in the 3D viewer.
- Mass updates automatically when drawing or importing a new structure.

February 2026

Feature Protein Controls

- PDB imports add to the 3D scene without clearing previous models.
- Toggle button to close/remove a loaded protein from the 3D view.