

Use Radium with Cursor

Connect Radium's Tycho model to Cursor using Cursor's built-in OpenAI-compatible API support. Settings, model ID, verification, and troubleshooting.

Use Radium with Cursor

Cursor has built-in support for OpenAI-compatible APIs, and Radium serves one, so connecting Tycho is four settings and no plugin.

This page covers Tycho specifically. Any Radium model reachable through the OpenAI-compatible endpoint can be added the same way by repeating step three with a different model identifier.

“ **Scope** This connects Radium to Cursor Chat and Cursor Agent. Cursor Tab, the inline autocomplete, keeps using Cursor's own model regardless of what you select here. See [About Tab autocomplete](#).

Before you start

- Cursor installed
- A Radium API key

Open model settings

In Cursor, go to:

Cursor Settings → Models

Connect the API

Radium's API is OpenAI-compatible, so the connection goes under the OpenAI section of the Models panel, not Anthropic. Under API Keys, set:

Setting	Value
OpenAI API Key	Your Radium API key
Override OpenAI Base URL	<code>https://api.radium.cloud/v1</code>

Enable both toggles, **OpenAI API Key** and **Override OpenAI Base URL**. Neither takes effect while off.

“ **The one to get right** This goes in the OpenAI fields even though you are not using OpenAI. Cursor does not have a generic custom-provider slot, and the OpenAI-compatible one is the correct place for any OpenAI-shaped endpoint, Radium included.

Add Tycho

Still in the Models panel, select **Add Custom Model** and enter the identifier exactly:

tycho-1.0

Enable the model once it is added. It will not appear in the picker otherwise.

Verify the connection

Open a new Cursor Chat or Agent session and select `tycho-1.0` from the model picker. Send:

Reply with exactly: RADIUM_OK

Expected response:

RADIUM_OK

If you see that, the connection is live and Tycho is answering Chat and Agent requests.

About Tab autocomplete

Cursor Tab, the inline completion as you type, continues to run on Cursor's own model no matter what is selected in the Models panel. Radium serves `tycho-1.0` for Chat and Agent sessions only. This is a Cursor limitation, not a Radium one, and there is currently no setting that changes it.

When it does not work

- Confirm the base URL includes `/v1`. Without it, requests go to the wrong path.
- Confirm the model ID is exactly `tycho-1.0`. Cursor does not correct typos in a custom model entry.
- Confirm the **OpenAI API Key** toggle is enabled, not just filled in.
- Start a new Cursor session after selecting Tycho. An existing session can keep using whatever model it started with.
- Fully quit and restart Cursor if the new settings do not take effect. Cursor does not always pick up a provider change without a restart.

Next

- [API quickstart](#), for calling Radium directly
- [Use Radium with Claude Code](#)
- [Tool calling](#)

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