UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM S-8 REGISTRATION STATEMENT

Under
The Securities Act of 1933

INHIBIKASE THERAPEUTICS, INC.

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation or organization) 26-3407249 (I.R.S. Employer Identification Number)

Stock Option Inducement Awards (Full Title of the Plans)

Mark Iwicki
Chief Executive Officer
3350 Riverwood Parkway SE, Suite 1900
Atlanta, GA 30339
(Name and Address of Agent For Service)

(678) 392-3419 (Telephone Number, Including Area Code, of Agent For Service)

Copies to:

Danielle Lauzon Marishka DeToy Goodwin Procter LLP 100 Northern Avenue Boston, MA 02210 (617) 570-1000

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, anon-accelerated filer, a smaller reporting company or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer		Accelerated filer	
Non-accelerated filer	\boxtimes	Smaller reporting company	X
		Emerging growth company	X
	pany, indicate by check mark if the registrant has elected not to use the extended transition ing standards provided pursuant to Section $7(a)(2)(B)$ of the Securities Act. \square	period for complying with any new	V

EXPLANATORY NOTE

This Registration Statement on Form S-8 registers 20,121,377 shares of common stock, par value \$0.001 per share ("Common Stock"), of Inhibikase Therapeutics, Inc. (the "Registrant"), issuable under the inducement stock option awards granted on February 14, 2025 and February 21, 2025 (collectively, the "Inducement Awards"). The Inducement Awards were approved by the Registrant's board of directors, in compliance with and in reliance on Nasdaq Listing Rule 5635(c)(4). The Inducement Awards were granted outside of the Registrant's 2020 Equity Incentive Plan.

Part I INFORMATION REQUIRED IN THE SECTION 10(a) PROSPECTUS

The information specified in Part I of FormS-8 is omitted from this filing in accordance with the provisions of Rule 428 under the Securities Act of 1933, as amended (the "Securities Act") and the introductory note to Part I of the Form S-8 instructions. The documents containing the information specified in Part I will be delivered to the persons to whom the Inducement Awards have been granted as required by Rule 428(b)(1) under the Securities Act.

Part II INFORMATION REQUIRED IN THE REGISTRATION STATEMENT

Item 3. Incorporation of Documents by Reference.

The Registrant hereby incorporates by reference into this Registration Statement the following documents filed with the Commission:

- Annual Report on Form 10-K for the fiscal year ended December 31, 2024, filed with the Securities and Exchange Commission (the "SEC") on March 27, 2025;
- Current Reports on Form 8-K filed with the SEC on <u>January 6, 2025, January 29, 2025, February 18, 2025</u> (excluding Item 7.01) and <u>February 24, 2025</u> (excluding Item 7.01); and
- The description of the Registrant's Common Stock contained in the Registration Statement on Form 8-A filed with the SEC on October 29, 2020, together with any amendment thereto filed with the SEC for the purpose of updating such description.

All documents that the Registrant subsequently files pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Exchange Act prior to the filing of a post-effective amendment to this Registration Statement which indicates that all of the shares of Common Stock offered have been sold or which deregisters all of such shares then remaining unsold, shall be deemed to be incorporated by reference in this Registration Statement and to be a part hereof from the date of the filing of such documents.

Any statement contained in a document incorporated or deemed to be incorporated by reference herein shall be deemed to be modified or superseded to the extent that a statement contained herein or in any other subsequently filed document which also is or is deemed to be incorporated by reference herein modifies or supersedes such statement. Any such statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this Registration Statement.

Under no circumstances will any information filed under current Items 2.02 or 7.01 of Form8-K be deemed incorporated herein by reference unless such Form 8-K expressly provides to the contrary.

Item 4. Description of Securities.

Not applicable.

Item 5. Interests of Named Experts and Counsel.

Not applicable.

Item 6. Indemnification of Directors and Officers.

Section 145 of the Delaware General Corporation Law empowers a corporation to indemnify its directors and officers and to purchase insurance with respect to liability arising out of their capacity or status as directors and officers, provided that the person acted in good faith and in a manner the person reasonably believed to be in our best interests, and, with respect to any criminal action, had no reasonable cause to believe the person's actions were unlawful. The Delaware General Corporation Law further provides that the indemnification permitted thereunder shall not be deemed exclusive of any other rights to which the directors and officers may be entitled under the corporation's bylaws, any agreement, a vote of stockholders or otherwise. The amended and restated certificate of incorporation of the Registrant provides for the indemnification of the Registrant's directors and officers to the fullest extent permitted under the Delaware General Corporation Law. In addition, the amended and restated bylaws of the Registrant require the Registrant to fully indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding (whether civil, criminal, administrative or investigative) by reason of the fact that such person is or was a director or officer of the Registrant,

or is or was a director or officer of the Registrant serving at the Registrant's request as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, against expenses (including attorney's fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by such person in connection with such action, suit or proceeding, to the fullest extent permitted by applicable law.

Section 102(b)(7) of the Delaware General Corporation Law permits a corporation to provide in its certificate of incorporation that a director of the corporation shall not be personally liable to the corporation or its stockholders for monetary damages for breach of fiduciary duty as a director, except (i) for any breach of the director's duty of loyalty to the corporation or its stockholders; (ii) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law; (iii) for payments of unlawful dividends or unlawful stock repurchases or redemptions; or (iv) for any transaction from which the director derived an improper personal benefit. The Registrant's amended and restated certificate of incorporation provides that the Registrant's directors shall not be personally liable to it or its stockholders for monetary damages for breach of fiduciary duty as a director and that if the Delaware General Corporation Law is amended to authorize corporate action further eliminating or limiting the personal liability of directors, then the liability of the Registrant's directors shall be eliminated or limited to the fullest extent permitted by the Delaware General Corporation Law, as so amended.

As permitted by the Delaware General Corporation Law, the Registrant has entered into separate indemnification agreements with each of the Registrant's directors and certain of the Registrant's officers which require the Registrant, among other things, to indemnify them against certain liabilities which may arise by reason of their status as directors, officers or certain other employees.

The Registrant has obtained and maintains insurance policies under which its directors and officers are insured, within the limits and subject to the limitations of those policies, against certain expenses in connection with the defense of, and certain liabilities which might be imposed as a result of, actions, suits or proceedings to which they are parties by reason of being or having been directors or officers. The coverage provided by these policies may apply whether or not the Registrant would have the power to indemnify such person against such liability under the provisions of the Delaware General Corporation Law.

These indemnification provisions and the indemnification agreements the Registrant intends to enter into between the Registrant and the Registrant's officers and directors may be sufficiently broad to permit indemnification of the Registrant's officers and directors for liabilities (including reimbursement of expenses incurred) arising under the Securities Act of 1933, as amended.

Item 7. Exemption from Registration Claimed.

Not applicable.

EXHIBIT INDEX

Exhibit No.	Description
4.1	Amended and Restated Certificate of Incorporation of the Registrant (incorporated herein by reference to Exhibit 3.1 to the Registrant's Current Report on Form 8-K (File No. 001-39676) filed on December 29, 2020).
4.2	Certificate of Amendment to the Amended and Restated Certificate of Incorporation of the Registrant (incorporated herein by reference to Exhibit 3.1 to the Registrant's Current Report on Form 8-K (File No. 001-39676) filed on January 6, 2025).
4.3	Amended and Restated Bylaws of the Registrant (incorporated herein by reference to Exhibit 3.2 to the Registrant's Current Report on Form 8-K (File No. 001-39676) filed on December 29, 2020).
4.4	Form of Certificate of Common Stock (incorporated herein by reference to Exhibit 4.1 to the Registrant's Registration Statement on Form S-1 (File No. 333-240036) filed on July 23, 2020).
5.1*	Opinion of Goodwin Procter LLP.
23.1*	Consent of CohnReznick LLP, Independent Registered Public Accounting Firm.
23.2*	Consent of Goodwin Procter LLP (included as part of Exhibit 5.1).
24.1*	Power of Attorney (included on signature page).
99.1	Form of Non-Qualified Stock Option Agreement (Non-Plan Inducement Grant) (incorporated herein by reference to Exhibit 10.30 to the Registrant's Annual Report on Form 10-K (File No. 001-39676) filed on March 27, 2025).
107*	Filing Fee Table

^{*} Filed herewith.

Item 9. Undertakings.

- (a) The Registrant hereby undertakes:
- (1) To file, during any period in which offers or sales are being made, a post-effective amendment to this Registration Statement:
- (i) To include any prospectus required by Section 10(a)(3) of the Securities Act.
- (ii) To reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the Registration Statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective Registration Statement.
- (iii) To include any material information with respect to the plan of distribution not previously disclosed in the Registration Statement or any material change to such information in the Registration Statement.

Provided, however, that paragraphs (a)(1)(i) and (a)(1)(ii) herein do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Commission by the Registrant pursuant to Section 13 or Section 15(d) of the Exchange Act that are incorporated by reference in the Registration Statement.

- (2) That, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new Registration Statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.
- (3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.
- (b) The undersigned Registrant hereby undertakes that, for purposes of determining any liability under the Securities Act, each filing of the Registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act) that is incorporated by reference in the Registration Statement shall be deemed to be a new Registration Statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.
- (c) Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers and controlling persons of the Registrant pursuant to the foregoing provisions, or otherwise, the Registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the Registrant of expenses incurred or paid by a director, officer or controlling person of the Registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the Registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

SIGNATURES

Pursuant to the requirements of the Securities Act, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Atlanta, State of Georgia, on March 27, 2025.

INHIBIKASE THERAPEUTICS, INC.

By: /s/ Mark Iwicki
Name: Mark Iwicki

Title: Chief Executive Officer

POWER OF ATTORNEY AND SIGNATURES

KNOW ALL MEN BY THESE PRESENTS, that each officer and director of Inhibikase Therapeutics, Inc. whose signature appears below constitutes and appoints Mark Iwicki and Garth Lees-Rolfe and each of them, his true and lawful attorney-in-fact and agent, with full power of substitution and revocation, for him and in his name, place and stead, in any and all capacities, to execute any or all amendments including any post-effective amendments and supplements to this Registration Statement, and to file the same, with all exhibits thereto, and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorney-in-fact and agent full power and authority to do and perform each and every act and thing requisite and necessary to be done, as fully to all intents and purposes as he or she might or could do in person, hereby ratifying and confirming all that said attorney-in-fact and agent, or his substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, as amended, this Registration Statement has been signed by the following persons in the capacities and on the date indicated below.

Signature	Title	Date	
/s/ Mark Iwicki Mark Iwicki	Chief Executive Officer and Director (Principal Executive Officer)	March 27, 2025	
/s/ Garth Lees-Rolfe Garth Lees-Rolfe, CPA	Chief Financial Officer (Principal Financial Officer and Principal Accounting Officer)	March 27, 2025	
/s/ Amit Munshi Amit Munshi	Chairperson	March 27, 2025	
/s/ Dennis Berman Dennis Berman	Director	March 27, 2025	
/s/ David Canner David Canner	Director	March 27, 2025	
/s/ Roy Freeman, M.D. Roy Freeman, M.D.	Director	March 27, 2025	
/s/ Arvind Kush Arvind Kush	Director	March 27, 2025	
/s/ Roberto Bellini Roberto Bellini	Director	March 27, 2025	
/s/ Vincent Aurentz Vincent Aurentz	Director	March 27, 2025	



Goodwin Procter LLP 100 Northern Avenue Boston, MA 02210 goodwinlaw.com +1 617 570 1000

March 27, 2025

Inhibikase Therapeutics, Inc. 3350 Riverwood Parkway SE, Suite 1900 Atlanta, Georgia 30339

Re: Securities Being Registered under Registration Statement on Form S-8

We have acted as your counsel in connection with your filing of a Registration Statement on Form S-8 (the "Registration Statement") pursuant to the Securities Act of 1933, as amended (the "Securities Act"), on or about the date hereof relating to an aggregate of 20,121,377 shares (the "Shares") of Common Stock, par value \$0.001 per share ("Common Stock"), of Inhibikase Therapeutics, Inc., a Delaware corporation (the "Company"), that may be issued pursuant to non-qualified option grant agreements providing for employee inducement grants between the Company and certain employees, which were entered into in connection with the commencement of such employees' employment with the Company pursuant to Nasdaq Listing Rule 5635(c)(4) (collectively, the "Inducement Award Agreements").

We have reviewed such documents and made such examination of law as we have deemed appropriate to give the opinion set forth below. We have relied, without independent verification, on certificates of public officials and, as to matters of fact material to the opinion set forth below, on certificates of officers of the Company.

For purposes of the opinion set forth below, we have assumed that, at the time Shares are issued, the total number of then unissued Shares, when added to the number of shares of Common Stock issued, subscribed for, or otherwise committed to be issued, does not exceed the number of shares of Common Stock authorized by the Company's certificate of incorporation.

The opinion set forth below is limited to the Delaware General Corporation Law.

Based on the foregoing, we are of the opinion that the Shares have been duly authorized and, when delivered against payment therefor in accordance with the terms of the Inducement Award Agreements, will be validly issued, fully paid and nonassessable.

This opinion letter and the opinion it contains shall be interpreted in accordance with the Core Opinion Principles as published in 74Business Lawyer 815 (Summer 2019).

We hereby consent to the inclusion of this opinion as Exhibit 5.1 to the Registration Statement. In giving our consent, we do not admit that we are in the category of persons whose consent is required under Section 7 of the Securities Act or the rules and regulations thereunder.

Very truly yours,

/s/ Goodwin Procter LLP
GOODWIN PROCTER LLP

Consent of Independent Registered Public Accounting Firm

We consent to the incorporation by reference in this Registration Statement on FormS-8 pertaining to awards granted on February 14, 2025 and February 21, 2025, collectively the Inducement Awards, granted outside the 2020 Equity Incentive Plan of Inhibikase Therapeutics, Inc., of our report dated March 27, 2025, with respect to the consolidated financial statements of Inhibikase Therapeutics, Inc. and Subsidiary as of December 31, 2024 and 2023, and for the years then ended which report is included in the Annual Report on Form 10-K of Inhibikase Therapeutics, Inc. for the year ended December 31, 2024, filed with the Securities and Exchange Commission.

/s/ CohnReznick LLP

Holmdel, New Jersey March 27, 2025

Calculation of Filing Fee Table

Form S-8 (Form Type)

Inhibikase Therapeutics, Inc.

(Exact Name of Registrant as Specified in its Charter)

Table 1-Newly Registered Securities

	Security Type	Security Class Title	Fee Calculation or Carry Forward Rule	Amount Registered ⁽¹⁾	Proposed Maximum Offering Price Per Unit	Maximum Aggregate Offering Price	Fee Rate	Amount of Registration Fee		
Newly Registered Securities										
Fees to Be Paid	Equity	Common Stock, \$0.0001 par value per share	Rule 457(c) and Rule 457(h)	20,121,377 ⁽²⁾	\$2.345(3)	\$47,184,629.07	\$0.00015310	\$7,223.97		
Fees Previously Paid										
Carry Forward Securities										
Carry Forward Securities	_									
	Total Offering Amounts					\$47,184,629.07		\$7,223.97		
	Total Fees Previously Paid					_		\$0		
	Total Fee Offsets					_		\$0		
	Net Fee Due							\$7,223.97		

- (1) Pursuant to Rule 416 under the Securities Act of 1933, as amended (the "Securities Act"), this Registration Statement shall also cover any additional shares of Common Stock, par value \$0.0001 per share (the "Common Stock") which become issuable pursuant to the non-plan inducement stock option grants set forth herein by reason of any stock dividend, stock split, recapitalization or any other similar transaction effected without the receipt of consideration which results in an increase in the number of outstanding shares of Common Stock.
- (2) Represents the aggregate number of shares of the Registrant's Common Stock issuable upon the exercise of stock options granted to the Registrant's Chief Executive Officer, President and Head of Research and Development and Chief Scientific Officer, in each case as an inducement material to entry into employment with the Registrant under Nasdaq Listing Rule 5635(c)(4).
- (3) Estimated solely for the purpose of calculating the registration fee pursuant to Rule 457(c) and (h) of the Securities Act, and based on \$2.345, the average of the high and low sale prices of the Common Stock as reported on Nasdaq Capital Market on March 25, 2025 (such date being within five business days of the date that this Registration Statement was filed with the Securities and Exchange Commission).