FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

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| Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10. | |
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| in the data of the pointing i broom | | | 2. Issuer Name and Ticker or Trading Symbol Inhibikase Therapeutics, Inc. [IKT] | (Check | tionship of Reporting Person(s) to Issuer all applicable) | | | |
|---------------------------------------|---------|--------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------|---------------------------------------|--|--|
| (Last) (First) (Middle) | | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year) 02/14/2025 | | Director Officer (give title below) | 10% Owner Other (specify below) | | |
| | (-) | · · · · · | | | Delow) | Delow) | | |
| 3350 RIVERWOOD PARKWAY SE, SUITE 1900 | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | 6. Individual or Joint/Group Filing (Check Applicable Line) | | | | |
| (Street) | | | | X | Form filed by One Repo Form filed by More than | ů. | | |
| ATLANTA | GA | 30339 | | | r onn nice by more than | one reporting religen | | |
| (City) | (State) | (Zip) | | | | | | |
| | | Table I - Non-Deri | vative Securities Acquired, Disposed of, or Beneficia | lly Ow | ned | | | |

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | Transaction I Code (Instr. | | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) | | | 5. Amount of Securities Beneficially Owned Following Reported | Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------------|-----------------------------------|---|----------------------------------------------------------------------|---------------|-------|------------------------------------------------------------------------|---------------------------------------------------|-------------------------------------------------------------------|
| | | Code | v | | (A) or (D) | Price | Transaction(s) (Instr. 3 and 4) | | (IIISU. 4) |

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transac Code (In 8) | | Derivative | | | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|-----------------------------------------------------|-----------------------------------------------------------------------|--------------------------------------------|-------------------------------------------------------------|---------------------------------|---|------------|-----|---------------------|--------------------|--------------------------------------------------------------------------------------------|----------------------------------|-----------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|--------------------------------------------------------------------|
| | | | | Code | v | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | Transaction(s) (Instr. 4) | | |
| Stock Option (Right to Buy) | \$2.35 | 02/14/2025 | | Α | | 56,600 | | (1) | 02/14/2035 | Common Stock | 56,600 | \$0 | 56,600 | D | |
| Stock Option (Right to Buy) | \$2.35 | 02/14/2025 | | Α | | 116,585 | | (2) | 02/14/2035 | Common Stock | 116,585 | \$0 | 116,585 | D | |

Explanation of Responses:

1. The options vested and became exercisable on February 14, 2025.

2. The options will vest and become exercisable in two equal annual installments on October 24, 2025 and October 24, 2026.

/s/ Garth Lees-Rolfe, attorney-in-02/19/2025 fact

** Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.