

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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☒ 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

☐ 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.

1. Name and Address of Reporting Person *			2. Issuer Name and Ticker or Trading Symbol		5. Relationship of Reporting Person(s) to Issuer	
RA CAPITAL MANAGEMENT, L.P.			Inhibikase Therapeutics, Inc. [IKT]		(Check all applicable)	
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year)		Director ☒ 10% Owner	
200 BERKELEY STREET, 18TH FLOOR			07/29/2026		Officer (give title below) Other (specify below)	
(Street)			4. If Amendment, Date of Original Filed (Month/Day/Year)		6. Individual or Joint/Group Filing (Check Applicable Line)	
BOSTON MA 02116					Form filed by One Reporting Person	
(City) (State) (Zip)					☒ Form filed by More than One Reporting Person	

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	07/29/2026		J ⁽¹⁾		18,030,000	D	⁽¹⁾	6,970,000	I	See footnotes ⁽²⁾⁽³⁾

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. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		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 Transaction(s) (Instr. 4)	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				
Pre-Funded Warrant (Right to Buy)	\$0.001	07/29/2026		J ⁽¹⁾		18,030,000		⁽⁴⁾	⁽⁴⁾	Common Stock	18,030,000	⁽¹⁾	18,030,000	I	See footnotes ⁽²⁾⁽³⁾

1. Name and Address of Reporting Person *		
RA CAPITAL MANAGEMENT, L.P.		
(Last)	(First)	(Middle)
200 BERKELEY STREET, 18TH FLOOR		
(Street)		
BOSTON	MA	02116
(City)	(State)	(Zip)

1. Name and Address of Reporting Person *

RA Capital Healthcare Fund LP

(Last)(First)(Middle)

C/O RA CAPITAL MANAGEMENT, L.P.

200 BERKELEY STREET, 18TH FLOOR

(Street)

BOSTONMA02116

(City)(State)(Zip)

1. Name and Address of Reporting Person *

Kolchinsky Peter

(Last)(First)(Middle)

C/O RA CAPITAL MANAGEMENT, L.P.

200 BERKELEY STREET, 18TH FLOOR

(Street)

BOSTONMA02116

(City)(State)(Zip)

1. Name and Address of Reporting Person *

Shah Rajeev M.

(Last)(First)(Middle)

C/O RA CAPITAL MANAGEMENT, L.P.

200 BERKELEY STREET, 18TH FLOOR

(Street)

BOSTONMA02116

(City)(State)(Zip)

Explanation of Responses:

1. On July 29, 2026, RA Capital Healthcare Fund, L.P. (the "Fund") entered into an Exchange Agreement with the Issuer pursuant to which the Fund exchanged, for no additional consideration, 18,030,000 shares of the Issuer's Common Stock for a pre-funded warrant exercisable for up to 18,030,000 shares of the Issuer's Common Stock at an exercise price of \$0.001 per share (the "Pre-Funded Warrant").

2. RA Capital Management, L.P. (the "Adviser") is the investment manager for the Fund. The general partner of the Adviser is RA Capital Management GP, LLC (the "Adviser GP"), of which Dr. Peter Kolchinsky and Mr. Rajeev Shah are the managing members. Each of the Adviser, the Adviser GP, the Fund, Dr. Kolchinsky and Mr. Shah disclaims beneficial ownership of any of the reported securities, except to the extent of its or his respective pecuniary interest therein.

3. Held directly by the Fund.

4. The Pre-Funded Warrant has no expiration date and is exercisable immediately. Notwithstanding the foregoing, the Fund shall not be entitled to exercise the Pre-Funded Warrant to the extent that it would cause the aggregate number of shares of Common Stock beneficially owned by the Fund, together with its Attribution Parties (as defined in the Pre-Funded Warrant), to exceed 9.99% of the total number of issued and outstanding shares of Common Stock of the Issuer following such exercise.

/s/ Peter Kolchinsky, Manager of

RA Capital Management, L.P.

/s/ Peter Kolchinsky, Manager of

RA Capital Healthcare Fund GP,

LLC, the General Partner of RA

Capital Healthcare Fund, L.P.

/s/ Peter Kolchinsky, individually

/s/ Rajeev Shah, individually

07/31/2026

07/31/2026

07/31/2026

** 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.