

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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

1. Name and Address of Reporting Person* <u>Longitude Capital Partners III, LLC</u> (Last) (First) (Middle) 2740 SAND HILL ROAD, SECOND FLOOR (Street) MENLO PARK CA 94025 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 07/23/2020	3. Issuer Name and Ticker or Trading Symbol <u>Inozyme Pharma, Inc. [INZY]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)	5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) Form filed by One Reporting Person <input checked="" type="checkbox"/> Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Series A Convertible Preferred Stock	(1)	(1)	Common Stock	2,007,225	(1)	I	By Longitude Venture Partners III, L.P. (2)
Series A-2 Convertible Preferred Stock	(3)	(3)	Common Stock	187,154	(3)	I	By Longitude Venture Partners III, L.P. (2)

1. Name and Address of Reporting Person*
Longitude Capital Partners III, LLC
 (Last) (First) (Middle)
 2740 SAND HILL ROAD, SECOND FLOOR
 (Street)
 MENLO PARK CA 94025
 (City) (State) (Zip)

1. Name and Address of Reporting Person*
Longitude Venture Partners III, L.P.
 (Last) (First) (Middle)
 2740 SAND HILL RD 2ND FLOOR
 (Street)

MENLO PARK CA 94025

(City) (State) (Zip)

1. Name and Address of Reporting Person*

Tammenoms Bakker Juliet

(Last) (First) (Middle)

2740 SAND HILL RD 2ND FLOOR

(Street)

MENLO PARK CA 94025

(City) (State) (Zip)

1. Name and Address of Reporting Person*

ENRIGHT PATRICK G

(Last) (First) (Middle)

2740 SAND HILL RD 2ND FLOOR

(Street)

MENLO PARK CA 94025

(City) (State) (Zip)

Explanation of Responses:

1. The Series A Convertible Preferred Stock is convertible into Common Stock on a 7.4730-for-1 basis into the number of shares of Common Stock as shown in Column 3 at any time at the holder's election, and automatically upon the closing of the Issuer's initial public offering without payment of further consideration. The shares have no expiration date.
2. These shares are held by Longitude Venture Partners III, L.P ("LVP III"). Longitude Capital Partners III, LLC ("LCP III") is the general partner of LVP III and may be deemed to have voting and dispositive power over the shares held by LVP III. Patrick G. Enright and Juliet Tammenoms Bakker are managing members of LCP III and may be deemed to share voting and dispositive power with respect to the shares held by LVP III. Each of LCP III, Mr. Enright and Ms. Tammenoms Bakker disclaims beneficial ownership of such shares and this report shall not be deemed an admission that any of them is the beneficial owner of such securities for purposes of Section 16 or for any other purpose, except to the extent of their respective pecuniary interests therein.
3. The Series A-2 Convertible Preferred Stock is convertible into Common Stock on a 7.4730-for-1 basis into the number of shares of Common Stock as shown in Column 3 at any time at the holder's election, and automatically upon the closing of the Issuer's initial public offering without payment of further consideration. The shares have no expiration date.

Remarks:

/s/ Patrick G. Enright,
individually, and as
Managing Member of
Longitude Capital III, and
as Managing Member of 07/23/2020
Longitude Capital III,
General Partner of
Longitude Venture III
/s/ Juliet Tammenoms
Bakker 07/23/2020

** 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 5 (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.