

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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>New Enterprise Associates 15, L.P.</u> <hr/> (Last) (First) (Middle) 1954 GREENSPRING DRIVE SUITE 600 <hr/> (Street) TIMONIUM MD 21093 <hr/> (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> <hr/> 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) <hr/> 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 Preferred Stock	(1)	(1)	Common Stock	2,000,533	(1)	D ⁽²⁾	
Series A-2 Preferred Stock	(3)	(3)	Common Stock	187,156	(3)	D ⁽²⁾	

1. Name and Address of Reporting Person*
New Enterprise Associates 15, L.P.

 (Last) (First) (Middle)
 1954 GREENSPRING DRIVE
 SUITE 600

 (Street)
 TIMONIUM MD 21093

 (City) (State) (Zip)

1. Name and Address of Reporting Person*
NEA Partners 15, L.P.

 (Last) (First) (Middle)
 1954 GREENSPRING DRIVE
 SUITE 600

 (Street)
 TIMONIUM MD 21093

 (City) (State) (Zip)

1. Name and Address of Reporting Person *

NEA 15 GP, LLC

(Last) (First) (Middle)

1954 GREENSPRING DRIVE
SUITE 600

(Street)

TIMONIUM MD 21093

(City)

(State)

(Zip)

Explanation of Responses:

1. The Series A Preferred Stock is convertible into Common Stock on a 7.473-for-1 basis into the number of shares of Common Stock as shown in Column 3 without payment of further consideration, at any time at the holder's selection or upon closing of the initial public offering of the Issuer's Common Stock. The shares have no expiration date.
2. The shares are directly held by New Enterprise Associates 15, L.P. ("NEA 15"), and indirectly held by NEA Partners 15, L.P. ("NEA Partners 15"), the sole general partner of NEA 15, NEA 15 GP, LLC ("NEA 15 GP"), the sole general partner of NEA Partners 15, and the individual managers of NEA 15 GP (NEA Partners 15, NEA 15 GP and the individual managers of NEA 15 GP, together, the "Indirect Reporting Persons"). The individual managers of NEA 15 GP are Forest Baskett, Anthony A. Florence, Jr., Mohamad Makhzoumi, Josh Makower, Scott D. Sandell and Peter W. Sonsini. The Indirect Reporting Persons disclaim beneficial ownership within the meaning of Section 16 of the Securities Exchange Act of 1934, as amended, or otherwise of such portion of the NEA 15 shares in which the Indirect Reporting Persons have no pecuniary interest.
3. The Series A-2 Preferred Stock is convertible into Common Stock on a 7.473-for-1 basis into the number of shares of Common Stock as shown in Column 3 without payment of further consideration, at any time at the holder's selection or upon closing of the initial public offering of the Issuer's Common Stock. The shares have no expiration date.

Remarks:

/s/ Sasha Keough,
attorney-in-fact

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.