

OMB APPROVAL	
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**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 if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

1. Name and Address of Reporting Person* <u>FRATES JAMES M</u>  (Last) (First) (Middle) <u>C/O AMYLYX PHARMACEUTICALS, INC.</u> <u>43 THORNDIKE STREET</u>  (Street) <u>CAMBRIDGE MA 02141</u>  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>Amylyx Pharmaceuticals, Inc. [ AMLX ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Chief Financial Officer</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>01/06/2022</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year) <u>01/10/2022</u>	Rule 10b5-1(c) Transaction Indication <input type="checkbox"/> Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.

**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	01/06/2022		C <sup>(1)(2)</sup>		19,482 <sup>(1)(2)</sup>	A	\$0.00	19,482 <sup>(1)(2)</sup>	I	By Trust <sup>(3)</sup>

**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
Series C-1 Preferred Stock	(1)	01/06/2022		C <sup>(1)(2)</sup>		19,482 <sup>(1)(2)</sup>	(1)	(1)		Common Stock	19,482 <sup>(1)(2)</sup>	\$0.00	0	I	By Trust <sup>(3)</sup>

**Explanation of Responses:**

- Upon the closing of the Issuer's initial public offering, all shares of Series C-1 Preferred Stock automatically converted into the number of shares of the Issuer's Common Stock shown in column 4 of Table I without payment or further consideration. The Series C-1 Preferred Stock had no expiration date.
- This amendment on Form 4/A to the Form 4 originally filed on January 10, 2022 (the "Original Form 4") is being filed solely to report the conversion of 19,482 shares of Series C-1 Preferred Stock into shares of the Issuer's Common Stock upon the closing of the Issuer's initial public offering, which was inadvertently omitted from the Original Form 4.
- Shares held by the James M. Frates Grantor Retained Annuity Trust 2021, for which the Reporting Person serves as trustee. The Reporting Person disclaims beneficial ownership of such shares for purposes of Section 16 except to the extent of his pecuniary interest therein, if any, and this report shall not be deemed an admission that such shares are beneficially owned by him for Section 16 or any other purpose.

**Remarks:**

/s/ Joshua B. Cohen, as Attorney 04/26/2023  
in Fact for James Frates

\*\* 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.