

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* <b>FRATES JAMES M</b>			2. Issuer Name and Ticker or Trading Symbol <b>Amylyx Pharmaceuticals, Inc. [ AMLX ]</b>			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) <b>Chief Financial Officer</b>		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) <b>05/16/2023</b>			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person		
C/O AMYLYX PHARMACEUTICALS, INC. 43 THORNDIKE STREET			4. If Amendment, Date of Original Filed (Month/Day/Year)			Rule 10b5-1(c) Transaction Indication <input checked="" 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.		
(Street)	(City)	(State)	(Zip)					
CAMBRIDGE	MA		02141					

**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	05/16/2023		M <sup>(1)</sup>		32,500	A	\$6.88	88,176	D	
Common Stock	05/16/2023		S <sup>(1)</sup>		32,000	D	\$26.9266 <sup>(2)</sup>	56,176	D	
Common Stock	05/16/2023		S <sup>(1)</sup>		500	D	\$27.6 <sup>(3)</sup>	55,676	D	
Common Stock								19,482	I	By Trust <sup>(4)</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		Date Exercisable	Expiration Date						Amount or Number of Shares
Stock Option (right to buy)	\$6.88	05/16/2023		M <sup>(1)</sup>		32,500	(5)	01/25/2031	Common Stock	32,500	\$0.00	382,000	D	

**Explanation of Responses:**

- These transactions were effected by the Reporting Person pursuant to a Rule 10b5-1 trading plan adopted on November 15, 2022.
- The price reported in Column 4 is a weighted average price. The shares were sold in multiple transactions at prices ranging from \$26.36 to \$27.35. Full information regarding the number of shares sold at each separate price can be furnished to the SEC staff upon request.
- The price reported in Column 4 is a weighted average price. The shares were sold in multiple transactions at prices ranging from \$27.59 to \$27.61. Full information regarding the number of shares sold at each separate price can be furnished to the SEC staff upon request.
- 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.
- 113,024 shares underlying this option vested on January 25, 2022, with the remaining shares vesting in monthly installments of 9,416 shares thereafter.

**Remarks:**

/s/ Joshua B. Cohen, as Attorney in Fact 05/18/2023

\*\* 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.