

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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).

☒ 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
<u>Rodman David Malcom</u>	<u>Mineralys Therapeutics, Inc. [MLYS]</u>	(Check all applicable)
(Last) (First) (Middle)	3. Date of Earliest Transaction (Month/Day/Year)	Director 10% Owner
<u>150 N. RADNOR CHESTER ROAD</u>	<u>07/09/2026</u>	☒ Officer (give title below) Other (specify below)
<u>SUITE F200</u>	4. If Amendment, Date of Original Filed (Month/Day/Year)	<u>Chief Medical Officer</u>
(Street)		6. Individual or Joint/Group Filing (Check Applicable Line)
<u>RADNOR PA 19087</u>		☒ 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			
<u>Common Stock</u>	<u>07/09/2026</u>		<u>M⁽¹⁾</u>	<u>2,171</u> <u>A</u> <u>\$16</u>	<u>59,904⁽²⁾</u>	<u>D</u>	
<u>Common Stock</u>	<u>07/09/2026</u>		<u>S⁽¹⁾</u>	<u>2,171</u> <u>D</u> <u>\$30.3</u>	<u>57,733</u>	<u>D</u>	

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				
<u>Stock Option</u>	<u>\$16</u>	<u>07/09/2026</u>		<u>M⁽¹⁾</u>	<u>2,171</u>	<u>(3)</u> <u>02/09/2033</u>	<u>Common Stock</u> <u>2,171</u>	<u>\$0</u>	<u>15,194</u>	<u>D</u>	

Explanation of Responses:

1. These transactions were effected pursuant to a Rule 10b5-1 trading plan adopted on October 6, 2025.
2. This balance includes 638 shares purchased under the Mineralys Therapeutics, Inc. 2023 Employee Stock Purchase Plan that were not previously reported.
3. The stock option vested as to 25% of the underlying shares on the first anniversary of the grant date, with the remaining shares vesting in 36 substantially equal monthly installments thereafter.

Remarks:

/s/ Adam Levy, Attorney-in-fact 07/09/2026
** 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.