FORM	4
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Check this box if no
longer subject to
Section 16. Form 4 or
Form 5 obligations
may continue. See
Instruction 1(b).

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

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STATEMENT OF CHANGES IN 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

(Find of Type Responses)								1		
1. Name and Address of Reporting Person [*] Hirsch David	2. Issuer Name and Molecular Temp			· ·	l	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X_ DirectorX_ 10% Owner				
(Last) (First) C/O LONGITUDE CAPITAL PAR LLC, 2740 SAND HILL ROAD ST	3. Date of Earliest Transaction (Month/Day/Year) 05/31/2018						Officer (give title below)O	ther (specify belo	ow)	
(Street) MENLO PARK, CA 94024		4. If Amendment, Da	ate Original	Filed	(Month/Day/	Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_Form filed by One Reporting Person Form filed by More than One Reporting Person			
(City) (State)	(Zip)	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned								
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	Execution Date, if	Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) Amount (A) or Price		f(D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of information contained SEC 1474 (9-02) in this form are not required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned

	(<i>e.g.</i> , puts, calls, warrants, options, convertible securities)														
1. Title of	2.	3. Transaction	3A. Deemed	4. 5. Number		6. Date Exercisable and		7. Title and Amount		8. Price of	9. Number of	10.	11. Nature		
Derivative	Conversion	Date	Execution Date, if	Transact	Transaction of Derivative 1		Expiration Date		of Underlying		Derivative	Derivative	Ownership	of Indirect	
Security	or Exercise	(Month/Day/Year)	any	Code		Securitie	s	(Month/Day/Year)		Securities		Security			Beneficial
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)					(Instr. 3 and 4)		(Instr. 5)	Beneficially	Derivative	Ownership	
	Derivative				or Disposed							Owned	~	(Instr. 4)	
	Security			of (D)								Direct (D)			
					(Instr. 3, 4,							1	or Indirect		
					and 5)							Transaction(s)	< / <		
											Amount		(Instr. 4)	(Instr. 4)	
								Date	Expiration		or				
								Exercisable		Title	Number				
				C 1	• •	(1)					of				
				Code	V	(A)	(D)				Shares				
Stock															
Option										Common					
(right to	\$ 6.31	05/31/2018		Α		15,000		<u>(1)</u>	05/31/2028	Stock	15,000	\$ 0	15,000	D	
										Stock					
buy)															

Reporting Owners

	Relationships						
Reporting Owner Name / Address	Director	10% Owner Office		Other			
Hirsch David C/O LONGITUDE CAPITAL PARTNERS III, LLC 2740 SAND HILL ROAD STE 200 MENLO PARK, CA 94024	Х	Х					

Signatures

/s/ Jason S. Kim, Attorney-in-fact 06/04/2018

Explanation of Responses:

* 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).
- (1) 100% of the total number of shares subject to the option shall vest on of May 31, 2019.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.