#### INTERMOLECULAR INC

Form 4/A

February 17, 2015

## FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

OMB Number:

3235-0287

0.5

Expires: January 31, 2005

**OMB APPROVAL** 

Estimated average burden hours per response...

5. Relationship of Reporting Person(s) to

Issuer

Check this box if no longer subject to Section 16. Form 4 or Form 5

obligations

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

2. Issuer Name and Ticker or Trading

INTERMOLECULAR INC [IMI]

may continue.

See Instruction

30(h) of the Investment Company Act of 1940

Symbol

1(b).

(Print or Type Responses)

BARUCH THOMAS R

1. Name and Address of Reporting Person \*

	11/11/21			IIVILIN	TERMOLECULAR INC [IVII]			(Check all applicable)		
(Last) (First) (Middle)  INTERMOLECULAR, INC., 3011  NORTH FIRST STREET			3. Date of Earliest Transaction (Month/Day/Year) 05/28/2014			X Director X 10% Owner Officer (give title Other (specify below)				
(Street) SAN JOSE, CA 95134			4. If Amendment, Date Original Filed(Month/Day/Year) 06/02/2014			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-D	erivative S	Securities Ac	quired, Disposed	of, or Beneficia	lly Owned
	1.Title of Security (Instr. 3)  Common Stock, \$0.001 par value	2. Transaction Date (Month/Day/Year)	Execution any	emed on Date, if /Day/Year)	Code (Instr. 8)	4. Securit onAcquired Disposed (Instr. 3,	l (A) or l of (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)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
	Common Stock, \$0.001 par value							4,376,913	I	See Footnote (1)
	Common Stock, \$0.001 par value							104,342	I	See Footnote (2)

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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 in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474 (9-02)

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. Transactic Code (Instr. 8)	5. Number of orDerivative 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 Underlying Securities (Instr. 3 and 4)		3 (
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Option (right to	\$ 2.59	05/28/2014		A	10,000	(3)	05/27/2024	Common Stock	10,000	

## **Reporting Owners**

Reporting Owner Name / Address	Relationships					
Topothing of the Figure 1	Director	10% Owner	Officer	Other		
BARUCH THOMAS R INTERMOLECULAR, INC. 3011 NORTH FIRST STREET SAN JOSE, CA 95134	X	X				

## **Signatures**

/s/ Reed Birnbaum as Attorney in Fact for Mr.

Baruch

02/17/2015

\*\*Signature of Reporting Person Date

## **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).
- The shares are held by CMEA Ventures VI, L.P. ("CMEA Ventures VI"). Thomas R. Baruch, a member of Issuer's board of directors, was a general partner of CMEA Ventures VI Management, L.P. ("CMEA VI Management"), the general partner of CMEA Ventures VI, and had voting and investment power over the shares held by CMEA Ventures VI. Mr. Baruch disclaims beneficial ownership of the shares reported herein, except to the extent of his proportionate pecuniary interest therein.
- (2) The shares are held by CMEA Ventures VI GmbH & Co. KG ("CMEA Ventures VI GmbH"). Thomas R. Baruch, a member of Issuer's board of directors, was a general partner of CMEA VI Management, the general partner of CMEA Ventures VI GmbH, and had voting and investment power over the shares held by CMEA VI GmbH. Mr. Baruch disclaims beneficial ownership of the shares reported herein,

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except to the extent of his proportionate pecuniary interest therein.

The shares subject to the option will vest in full on the earlier to occur of (i) the first anniversary of the date of grant and (ii) the date of (3) the annual meeting immediately following the date of grant, subject in each case to Reporting Person's continued service through the vesting date.

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.