

O'Brien James Michael
 Form 4
 October 30, 2017

FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287
 Expires: January 31, 2015
 Estimated average burden hours per response... 0.5

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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, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
 O'Brien James Michael

(Last) (First) (Middle)
 C/O ENZO BIOCHEM INC., 527
 MADISON AVE.
 (Street)

NEW YORK, NY 10022

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
 ENZO BIOCHEM INC [ENZ]

3. Date of Earliest Transaction
 (Month/Day/Year)
 10/27/2017

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 EVP of Finance

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 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 Ownership (Instr. 4)
			Code	V	Amount (A) or (D) Price		
Common Stock	10/27/2017		M		6,699 A \$ 2.75	34,886	D
Common Stock	10/27/2017		M		7,500 A \$ 3.4	42,386	D
Common Stock	10/27/2017		M		8,667 A \$ 4.35	51,053	D
Common Stock	10/27/2017		S		6,699 D \$ 10.28	44,354	D
Common Stock	10/27/2017		S		7,500 D \$ 10.28	36,854	D

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					(1)		
					\$		
Common Stock	10/27/2017		S	8,667	D	10.28	28,187 D
						(1)	

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

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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. 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 Underlying Securities (Instr. 3 and 4)	8. Amount or Number of Shares	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (to acquire common stock)	\$ 2.75	10/27/2017		M	6,699	02/04/2015 02/03/2019	Common Stock	6,699	
Stock Option (to acquire common stock)	\$ 3.4	10/27/2017		M	7,500	01/22/2016 01/21/2020	Common Stock	7,500	
Stock Option (to acquire common stock)	\$ 4.35	10/27/2017		M	8,667	03/15/2017 03/15/2021	Common Stock	8,667	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
O'Brien James Michael C/O ENZO BIOCHEM INC. 527 MADISON AVE. NEW YORK, NY 10022			EVP of Finance	

Signatures

/s/ James Michael O'Brien	10/30/2017
**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).

(1) The sale price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$10.20 to \$10.40, inclusive. The reporting person undertakes to provide to the Issuer, any security holder of the Issuer, or the staff of the U.S. Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the ranges set forth in this footnote.

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.