BEHAN DOMINIC P

Check this box

if no longer

subject to

Section 16.

Form 4

December 17, 2012

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

Number:

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Form 4 or Form 5 obligations may continue.

See Instruction

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

1(b).

(Last)

1.Title of

Security

(Instr. 3)

(Print or Type Responses)

1. Name and Address of Reporting Person * **BEHAN DOMINIC P**

2. Issuer Name and Ticker or Trading

Symbol

ARENA PHARMACEUTICALS

(Check all applicable)

INC [ARNA]

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

12/13/2012

X Director 10% Owner Other (specify

EVP & Chief Scientific Officer

5. Relationship of Reporting Person(s) to

X_ Officer (give title below)

C/O ARENA PHARMACEUTICALS, INC., 6154

(First)

NANCY RIDGE DRIVE

(Street)

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

Code

(Instr. 8)

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Issuer

SAN DIEGO, CA 92121

(City) (State) (Zip)

Execution Date, if

(Month/Day/Year)

2. Transaction Date 2A. Deemed

(Month/Day/Year)

(Middle)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 3. 4. Securities Acquired 5. Amount of

Transaction(A) or Disposed of (D)

(Instr. 3, 4 and 5)

Securities Beneficially Owned

Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Beneficial Indirect (I) Ownership

(A)

Reported Transaction(s) (Instr. 3 and 4)

Code V Price Amount (D)

Common 12/13/2012 Stock

30,000 Α (1)

\$0 453,000 D

(Instr. 4)

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

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SEC 1474 (9-02)

(Instr. 4)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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1. Title of Derivative Security (Instr. 3)		3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactic Code (Instr. 8)	5. Number of ionDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)				7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount Number Shares
Employed Stock Option (right to buy)	\$ 8.87	12/13/2012		A	100,000		(2)	12/13/2019	Common Stock	100,00

Reporting Owners

Reporting Owner Name / Address	Relationships						
coporting of the contract of	Director	10% Owner	Officer	Other			
BEHAN DOMINIC P C/O ARENA PHARMACEUTICALS, INC. 6154 NANCY RIDGE DRIVE SAN DIEGO, CA 92121	X		EVP & Chief Scientific Officer				

Signatures

Adam S. Chinnock, as Attorney-in-Fact

12/17/2012 Date

**Signature of Reporting Person

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 amount represents restricted stock units that vest in four equal annual installments beginning on December 13, 2013.
- (2) The options vest in four equal annual installments beginning on December 13, 2013, and are exercisable once vested.

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.

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