FORM 4

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

| OMB APPE | KOVAL |
|--------------------|-----------|
| OMB Number: | 3235-0287 |
| Estimated average | burden |
| hours per response | 0.5 |

longer subject to
Section 16. Form 4 or
Form 5 obligations
may continue. See
Instruction 1(b).

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

| Name and Address of Reporting Person * Carter Roderick Noel | | | 2. Issuer Name and Ticker or Trading Symbol Acasti Pharma Inc. [ACST] | | | | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) _X_ Director10% Owner | | | | | | |
|--|---|-------------------------|--|---|--|---|----------------------------------|--|--|--|---|---------------------------------|--|---|--|
| (Last) (First) (Middle) C/O ACASTI PHARMA INC., 3009 BOUL. DE LA CONCORDE, SUITE 102 | | | ` | 3. Date of Earliest Transaction (Month/Day/Year) 11/12/2021 | | | | | - | Officer (giv | e title below) | Oth | er (specify below) |) | |
| (Street) LAVAL, A6 H7E 2B5 | | | 4. If Amendment, Date 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 | | | | | | |
| (Cit | y) | (State) | (Zip) | Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Ow | | | ficially Own | ed | | | | | | | |
| 1.Title of Security (Instr. 3) | | | 2. Transaction Date (Month/Day/Year) | 2A. Dec Executi any (Month | on Date | e, if Co | | (A | 4. Securities Acquired (A) or Disposed of (D (Instr. 3, 4 and 5) | | Amount of Sound Follow ransaction(s) Instr. 3 and 4) | ing Reporte | d [| Ownership o Form: B | . Nature of Indirect Beneficial Ownership |
| | | | | | | | Code | e V A | (A) or (D) | Price | | | | or Indirect (Instr. 4) | |
| Reminder: | Report on a | separate fine for each | i class of securities i | | , | | | | who respon | nd to the | collection | of informat | tion contain | ed SEC 14 | 474 (9-02) |
| Reminder: | Report on a s | separate fille for each | | Derivati | ive Sec | urities | Acqu | Persons in this f displays | orm are not i s a currently sed of, or Ben | equired valid OM | to respond IB control r | unless the | | ed SEC 14 | 474 (9-02) |
| 1. Title of Derivative Security (Instr. 3) | 2. Conversion | 3. Transaction | Table II - 3A. Deemed Execution Date, if | Derivati (e.g., pu 4. Transac Code | ive Sects, calls 5. tion of Section of (In | urities , warra | Acquants, er tive s (A) sed | Persons in this f displays nired, Dispo options, con 6. Date Exe | orm are not used of, or Benevertible securicisable and | equired valid ON eficially Crities) | to respond MB control r Dwned and Amount rlying es | unless the number. | | f 10. Ownershi Form of Derivative Security: Direct (D) or Indirec | 11. Natu p of Indire Benefici e Ownersh (Instr. 4) |
| 1. Title of Derivative Security | 2. Conversion or Exercise Price of Derivative | 3. Transaction | Table II - 3A. Deemed Execution Date, if any | Derivati (e.g., pu 4. Transac Code | ive Sects, calls 5. tion of Section of (In | Number Derivation of Dispose (D) astr. 3, | Acquants, er titive s (A) ed (4, | Persons in this f displays tired, Dispo options, core 6. Date Exe Expiration I | sed of, or Bennvertible securicisable and Date //Year) | required valid ON eficially Crities) 7. Title a of Under Securities | to respond MB control r Dwned and Amount rlying es | 8. Price of Derivative Security | 9. Number of Derivative Securities Beneficially Owned Following Reported | f 10. Ownershi Form of Derivative Security: Direct (D) or Indirec | 11. Natu p of Indire Benefici e Ownersh (Instr. 4) |

Reporting Owners

| | Relationships | | | | | |
|---|---------------|--------------|---------|-------|--|--|
| Reporting Owner Name / Address | Director | 10% Owner | Officer | Other | | |
| Carter Roderick Noel C/O ACASTI PHARMA INC. 3009 BOUL. DE LA CONCORDE, SUITE 102 LAVAL, A6 H7E 2B5 | X | | | | | |

Signatures

| /s/ Jason Comerford, attorney-in fact for Mr.Carter | 11/16/2021 |
|---|------------|
| **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) Based on conversion of exercise price of C\$2.05 into U.S. dollars based on an exchange rate of C\$1.00 = US\$0.7959 on the date of grant.

(2) Stock options granted on 11/12/2021 under Acasti Pharma Inc.'s Stock Option Plan and become exercisable with respect to 25% of the shares every three months.

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.