

**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

OMB Number:	3235-0104
Estimated average burden hours per response:	0.5

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>ADAR1 Capital Management, LLC</u>  (Last) (First) (Middle) 3503 WILD CHERRY DRIVE BUILDING 9  (Street) AUSTIN TX 78738  (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 06/28/2024	3. Issuer Name and Ticker or Trading Symbol <u>Acasti Pharma Inc. [ ACST ]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)	5. If Amendment, Date of Original Filed (Month/Day/Year) 07/09/2024
			6. Individual or Joint/Group Filing (Check Applicable Line) Form filed by One Reporting Person Form filed by More than One Reporting Person <input checked="" type="checkbox"/>

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Class A Common Stock	959,571	I	By: ADAR1 Partners <sup>(1)(2)(3)</sup>

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Common Warrant (Common Stock)	09/25/2023	09/25/2028	Common Stock	1,268,195 <sup>(5)</sup>	3.003	I	By: ADAR1 Partners <sup>(1)(2)(3)</sup>
Pre-Paid Warrant (Common Stock)	09/25/2023	(4)	Common Stock	913,631 <sup>(4)</sup>	0.0001	I	By: ADAR1 Partners <sup>(1)(2)(3)</sup>

1. Name and Address of Reporting Person* <u>ADAR1 Capital Management, LLC</u>  (Last) (First) (Middle) 3503 WILD CHERRY DRIVE BUILDING 9  (Street) AUSTIN TX 78738  (City) (State) (Zip)		
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1. Name and Address of Reporting Person* <u>ADAR1 Partners, LP</u>  (Last) (First) (Middle) 3503 WILD CHERRY DRIVE BUILDING 9  (Street) AUSTIN TX 78738  (City) (State) (Zip)		
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**Explanation of Responses:**

- ADAR1 Capital Management GP, LLC is the general partner of ADAR1 Partners, LP ("ADAR1 Partners").
- ADAR1 Capital Management, LLC ("ADAR1 Capital"), an entity owned and controlled by Dr. Daniel Schneeberger, owns voting and investment control with respect to the shares held by ADAR1 Partners, LP. Because of the relationship between ADAR1 Partners and ADAR1 Capital, ADAR1 Capital may be deemed to beneficially own the shares held directly by ADAR1 Partners.
- For purposes of Section 16 of the Securities Exchange Act of 1934, as amended, each Reporting Person disclaims beneficial ownership of any such securities, except to the extent of its pecuniary interest therein, if any, and this report shall not be deemed an admission that such Reporting Person is the beneficial owner of such securities for purposes of Section 16 or otherwise.
- Pursuant to a Pre-Funded Common Stock Purchase Warrant, ADAR1 Partners may purchase up to 913,631 shares of Issuer's Common Stock, exercisable until fully filled.
- Pursuant to a Common Stock Purchase Warrant, ADAR1 Partners may purchase up to 1,268,195 of Issuer's Common Stock.

ADAR1 Capital Management, LLC, By /s/ Daniel Schneeberger, 07/11/2024  
Manager  
ADAR1 Partners, LP, By ADAR1 07/11/2024  
Capital Management GP, LLC, its

general partner, By /s/ Daniel  
Schneberger, Manager

\*\* Signature of Reporting Person

Date

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

\* If the form is filed by more than one reporting person, see Instruction 5 (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).

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

**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 Number.**