

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

Check this box if no longer subject to
Section 16. Form 4 or Form 5
obligations may continue. See
Instruction 1(b).

Check this box to indicate that a
transaction was made pursuant to a
contract, instruction or written plan
for the purchase or sale of equity
securities of the issuer that is
intended to satisfy the affirmative
defense conditions of Rule 10b5-
1(c). See Instruction 10.

1. Name and Address of Reporting Person* <u>Shanmugam Muthusamy</u> (Last) (First) (Middle) <u>C/O ANI PHARMACEUTICALS, INC.</u> <u>210 MAIN STREET WEST</u> (Street) <u>BAUDETTE</u> <u>MN</u> <u>56623</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>ANI PHARMACEUTICALS INC [ANIP]</u> 3. Date of Earliest Transaction (Month/Day/Year) <u>08/20/2025</u> 4. If Amendment, Date of 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) <u>HEAD OF R&D, COO-NOVITIUM OPS</u> 6. Individual or Joint/Group Filing (Check Applicable Line) ☒ Form filed by One Reporting Person Form filed by More than One Reporting Person
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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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock								92,588	D	
Common Stock	08/20/2025		S		47,012	D	\$90.27 ⁽¹⁾	484,908	I	Held by Esjay LLC ⁽²⁾
Common Stock	08/21/2025		S		52,988	D	\$90.44 ⁽³⁾	431,920	I	Held by Esjay LLC ⁽²⁾
Common Stock								5,000	I	Held by SS Pharma LLC ⁽⁴⁾

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 Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
						Date Exercisable	Expiration Date	Title				
				Code	V	(A)	(D)	Amount or Number of Shares				

Explanation of Responses:

1. The shares were sold in multiple trades at prices ranging from \$89.21 to \$90.83. The price reported above reflects the weighted average sales price.
2. The reporting person holds voting and dispositive power over the shares held by Esjay LLC.
3. The shares were sold in multiple trades at prices ranging from \$89.90 to \$91.44. The price reported above reflects the weighted average sales price.
4. The Reporting Person holds voting and dispositive power over the shares held by SS Pharma LLC.

Remarks:

/s/ Muthusamy Shanmugam,
by attorney-in-fact Meredith 08/22/2025
W. Cook

** 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 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).

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.