UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM S-8 REGISTRATION STATEMENT

> UNDER THE SECURITIES ACT OF 1933

ACLARIS THERAPEUTICS, INC.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of Incorporation or organization)

46-0571712 (I.R.S. Employer Identification No.)

701 Lee Road, Suite 103 Wayne, PA 19087 (Address of principal executive offices) (Zip code)

Aclaris Therapeutics, Inc. 2024 Inducement Plan (Full title of the plan)

> Neal Walker Interim Chief Executive Officer Aclaris Therapeutics, Inc. 701 Lee Road, Suite 103 Wayne, PA 19087 (484) 324-7933

(Name and address of agent for service) (Telephone number, including area code, of agent for service)

Copies to:

Mark Ballantyne Brian F. Leaf Cooley LLP 11951 Freedom Drive Reston, VA 20190-5640 (703) 456-8000 Kevin Balthaser Chief Financial Officer Aclaris Therapeutics, Inc. 701 Lee Road, Suite 103 Wayne, PA 19087 (484) 324-7933

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer \boxtimes Non-accelerated filer \square

Accelerated filer \Box Smaller reporting company \Box Emerging growth company \Box

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 7(a)(2)(B) of the Securities Act. \Box

PART I

INFORMATION REQUIRED IN THE SECTION 10(A) PROSPECTUS

In accordance with the instructional note to Part I of Form S-8 as promulgated by the Securities and Exchange Commission (the "Commission"), the information specified by Part I of Form S-8 has been omitted from this Registration Statement.

PART II

INFORMATION REQUIRED IN THE REGISTRATION STATEMENT

Item 3. Incorporation of Documents by Reference.

The following documents filed by Aclaris Therapeutics, Inc. (the "Registrant") with the Commission are incorporated by reference into this Registration Statement:

- (a) The Registrant's Annual Report on Form 10-K (File No. 001-37581) for the fiscal year ended December 31, 2023, filed with the Commission on February 27, 2024.
- (b) The Registrant's Quarterly Reports on Form 10-Q (File No. 001-37581) for the quarters ended March 31, 2024, June 30, 2024, and September 30, 2024, filed with the Commission on May 7, 2024, August 7, 2024, and November 6, 2024, respectively.
- (c) The Registrant's Current Reports on Form 8-K (File No. 001-37581) filed with the Commission on January 19, 2024 (except for the information furnished under Item 2.02 therein and Exhibit 99.1 thereto), as amended on February 5, 2024; February 5, 2024; March 19, 2024; June 7, 2024; July 16, 2024 (except for the information furnished under Item 7.01 therein and Exhibit 99.1 thereto); and November 18, 2024 (except for the information furnished under Item 7.01 therein and 99.2 thereto).
- (d) The information specifically incorporated by reference into the Registrant's Annual Report on Form 10-K from its Definitive Proxy Statement on Schedule 14A, filed with the Commission on April 25, 2024.
- (e) The description of the Registrant's common stock which is contained in a registration statement on Form 8-A filed on October 2, 2015 (File No. 001-37581) under the Securities Exchange Act of 1934, as amended (the "Exchange Act"), as updated by the description of the Registrant's common stock contained in the Registrant's Annual Report on Form 10-K (File No. 001-37581) for the fiscal year ended December 31, 2023, filed with the Commission on February 27, 2024, including any amendment or report filed for the purpose of updating such description.
- (f) All other reports and documents subsequently filed by the Registrant pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Exchange Act (other than Current Reports on Form 8-K or portions thereof furnished under Item 2.02 or Item 7.01 of Form 8-K and exhibits furnished on such form that relate to such items) on or after the date of this Registration Statement and prior to the filing of a post-effective amendment to this Registration Statement which indicates that all securities offered have been sold or which deregisters all securities then remaining unsold, shall be deemed to be incorporated by reference herein and to be a part of this Registration Statement from the date of the filing of such reports and documents.

Any statement contained in a document incorporated or deemed to be incorporated by reference herein shall be deemed to be modified or superseded for purposes of this Registration Statement to the extent that a statement contained herein or in any subsequently filed document that also is deemed to be incorporated by reference herein modifies or supersedes such statement. Any such statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this Registration Statement.

Item 4. Description of Securities.

Not applicable.

Item 5. Interests of Named Experts and Counsel.

Not applicable.

Item 6. Indemnification of Directors and Officers.

The Registrant is incorporated under the laws of the State of Delaware. Section 102 of the Delaware General Corporation Law (the "DGCL") permits a corporation to eliminate the personal liability of directors of a corporation to the corporation or its stockholders for monetary damages for a breach of fiduciary duty as a director, except where the director breached his duty of loyalty, failed to act in good faith, engaged in intentional misconduct or knowingly violated a law, authorized the payment of a dividend or approved a stock repurchase in violation of Delaware corporate law or obtained an improper personal benefit.



Section 145 of the DGCL provides that a corporation has the power to indemnify a director, officer, employee or agent of the corporation and certain other persons serving at the request of the corporation in related capacities against expenses (including attorneys' fees), judgments, fines and amounts paid in settlements actually and reasonably incurred by the person in connection with an action, suit or proceeding to which he is or is threatened to be made a party by reason of such position, if such person acted in good faith and in a manner he or she reasonably believed to be in or not opposed to the best interests of the corporation, and, in any criminal action or proceeding, had no reasonable cause to believe his or her conduct was unlawful, except that, in the case of actions brought by or in the right of the corporation unless and only to the extent that the Court of Chancery or other adjudicating court determines that, despite the adjudication of liability but in view of all of the circumstances of the case, such person is fairly and reasonably entitled to indemnity for such expenses which the Court of Chancery or such other court shall deem proper.

As permitted by the DGCL, the Registrant's amended and restated certificate of incorporation and amended and restated bylaws provide that: (i) the Registrant is required to indemnify its directors to the fullest extent permitted by the DGCL; (ii) the Registrant may, in its discretion, indemnify its officers, employees and agents as set forth in the DGCL; (iii) the Registrant is required, upon satisfaction of certain conditions, to advance all expenses incurred by its directors in connection with certain legal proceedings; (iv) the rights conferred in the bylaws are not exclusive; and (v) the Registrant is authorized to enter into indemnification agreements with its directors, employees and agents.

The Registrant has entered into agreements with its directors and executive officers that require the Registrant to indemnify them against expenses, judgments, fines, settlements and other amounts that any such person becomes legally obligated to pay (including with respect to a derivative action) in connection with any proceeding, whether actual or threatened, to which such person may be made a party by reason of the fact that such person is or was a director of the Registrant or any of its affiliates, provided such person acted in good faith and in a manner such person reasonably believed to be in, or not opposed to, the Registrant's best interests. The indemnification agreements also set forth certain procedures that will apply in the event of a claim for indemnification thereunder. At present, no litigation or proceeding is pending that involves any of the Registrant's directors or officers regarding which indemnification is sought, nor is the Registrant aware of any threatened litigation that may result in claims for indemnification.

The Registrant maintains a directors' and officers' liability insurance policy. The policy insures directors and officers against unindemnified losses arising from certain wrongful acts in their capacities as directors and officers and reimburses the Registrant for those losses for which it has lawfully indemnified the directors and officers. The policy contains various exclusions.

Item 7. Exemption from Registration Claimed.

Not applicable.

Item 8. Exhibits

| | | Incorporated by Reference | | | |
|--|--|---------------------------|------------------|----------------|-------------------|
| Exhibit | | Schedule | File | | |
| <u>Number</u> | Description | <u>Form</u> | Number | <u>Exhibit</u> | Filing Date |
| <u>4.1</u> | Amended and Restated Certificate of Incorporation of the | <u>8-K</u> | <u>001-37581</u> | <u>3.1</u> | <u>10/13/2015</u> |
| | <u>Registrant.</u> | | | | |
| <u>4.2</u> | Certificate of Amendment to Amended and Restated Certificate | <u>10-Q</u> | <u>001-37581</u> | <u>3.2</u> | 08/07/2023 |
| | of Incorporation of the Registrant. | | | | |
| <u>4.3</u> | Amended and Restated Bylaws of the Registrant. | <u>8-K</u> | <u>001-37581</u> | <u>3.1</u> | 06/24/2020 |
| <u>4.3</u> <u>4.4</u> <u>4.5</u> | Aclaris Therapeutics, Inc. 2024 Inducement Plan. | <u>8-K</u> | <u>001-37581</u> | <u>10.4</u> | <u>11/18/2024</u> |
| <u>4.5</u> | Form of Stock Option Grant Notice and Option Agreement used | <u>8-K</u> | <u>001-37581</u> | <u>10.5</u> | <u>11/18/2024</u> |
| | in connection with the Aclaris Therapeutics, Inc. 2024 | | | | |
| | Inducement Plan. | | | | |
| <u>4.6</u> | Form of Restricted Stock Unit Grant Notice and Restricted | <u>8-K</u> | <u>001-37581</u> | <u>10.6</u> | <u>11/18/2024</u> |
| | Stock Unit Award Agreement used in connection with the | | | | |
| | Aclaris Therapeutics, Inc. 2024 Inducement Plan. | | | | |
| <u>5.1*</u> | Opinion of Cooley LLP. | = | = | = | = |
| <u>23.1*</u> | Consent of Cooley LLP (included in Exhibit 5.1). | = | = | = | = |
| <u>23.2*</u> | Consent of Independent Registered Public Accounting Firm. | = | = | = | = |
| <u>24.1*</u> | Power of Attorney (included on the signature page of this | = | = | = | = |
| | <u>Form S-8).</u> | | | | |
| <u>107*</u> | <u>Filing Fee Table</u> | = | = | = | = |
| | | | | | |
| * Filed herewith. | | | | | |

Item 9. Undertakings.

- 1. The undersigned registrant hereby undertakes:
 - (a) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:
 - (i) To include any prospectus required by Section 10(a)(3) of the Securities Act;

(ii) To reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent posteffective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement.

(iii) To include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement;

Provided, however, that paragraphs (a)(i) and (a)(ii) do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Commission by the registrant pursuant to section 13 or section 15(d) of the Exchange Act that are incorporated by reference in the registration statement.

(b) That, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered herein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(c) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

- 2. The undersigned registrant hereby undertakes that, for purposes of determining any liability under the Securities Act, each filing of the registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to section 15(d) of the Exchange Act) that is incorporated by reference in the Registration Statement shall be deemed to be a new registration statement relating to the securities offered herein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.
- 3. Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers and controlling persons of the registrant pursuant to the foregoing provisions, or otherwise, the registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

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SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, as amended, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Wayne, Commonwealth of Pennsylvania, on this 27th day of November, 2024.

ACLARIS THERAPEUTICS, INC.

By: /s/ Neal Walker

Neal Walker Interim Chief Executive Officer

POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS, that each person whose signature appears below constitutes and appoints Neal Walker and Kevin Balthaser, and each of them, as his or her true and lawful attorneys-in-fact and agents, each with the full power of substitution, for him or her and in their name, place or stead, in any and all capacities, to sign any and all amendments (including post-effective amendments) to this Registration Statement on Form S-8, and to file the same, with all exhibits thereto and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite and necessary to be done in connection therewith, as fully to all intents and purposes as he or she might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents or any of them, or his, her or their substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, as amended, this Registration Statement has been signed by the following persons in the capacities and on the dates indicated.

| Signature | Title | Date |
|---------------------------|--|-------------------|
| /s/ Neal Walker | Interim Chief Executive Officer and Director | November 27, 2024 |
| Neal Walker | (Principal Executive Officer) | |
| /s/ Kevin Balthaser | Chief Financial Officer | November 27, 2024 |
| Kevin Balthaser | (Principal Financial Officer and Principal Accounting Officer) | |
| /s/ Christopher Molineaux | Lead Independent Director | November 27, 2024 |
| Christopher Molineaux | | |
| /s/ Hugh Davis | President, Chief Operating Officer and Director | November 27, 2024 |
| Hugh Davis | _ | |
| /s/ Maxine Gowen | Director | November 27, 2024 |
| Maxine Gowen | _ | |
| /s/ William Humphries | Director | November 27, 2024 |
| William Humphries | _ | |
| /s/ Anand Mehra | Director | November 27, 2024 |
| Anand Mehra | | |
| /s/ Vincent Milano | Director | November 27, 2024 |
| Vincent Milano | _ | |
| /s/ Andrew Schiff | Director | November 27, 2024 |
| Andrew Schiff | _ | |
| | | |



Mark Ballantyne (703) 456-8084 mballantyne@cooley.com

November 27, 2024

Aclaris Therapeutics, Inc. 701 Lee Road, Suite 103 Wayne, PA 19087

Ladies and Gentlemen,

We have acted as counsel to Aclaris Therapeutics, Inc., a Delaware corporation (the "*Company*"), in connection with the filing by the Company of a Registration Statement on Form S-8 (the "*Registration Statement*") with the Securities and Exchange Commission (the "*Commission*") covering the offering of up to 2,000,000 shares of the Company's common stock, par value \$0.00001 per share (the "*Shares*"), pursuant to the Company's 2024 Inducement Plan (the "*Plan*").

In connection with this opinion, we have examined and relied upon (a) the Registration Statement and the related prospectus, (b) the Company's certificate of incorporation and bylaws, each as currently in effect, (c) the Plan and (d) the originals or copies certified to our satisfaction of such records, documents, certificates, memoranda and other instruments as in our judgment are necessary or appropriate to enable us to render the opinion expressed below. We have assumed the genuineness of all signatures, the authenticity of all documents submitted to us as originals, the conformity to originals of all documents submitted to us as copies, the accuracy, completeness and authenticity of certificates of public officials and the due authorization, execution and delivery of all documents by all persons other than the Company where authorization, execution and delivery are prerequisites to the effectiveness thereof. As to certain factual matters, we have relied upon a certificate of an officer of the Company and have not independently verified such matters.

Our opinion is expressed only with respect to the General Corporation Law of the State of Delaware. We express no opinion to the extent that any other laws are applicable to the subject matter hereof and express no opinion and provide no assurance as to compliance with any federal or state securities law, rule or regulation.

On the basis of the foregoing, and in reliance thereon, we are of the opinion that the Shares, when sold and issued in accordance with the Plan, the Registration Statement and related prospectus, will be validly issued, fully paid and nonassessable (except as to shares issued pursuant to deferred payment arrangements, which will be fully paid and nonassessable when such deferred payments are made in full).

This opinion is limited to the matters expressly set forth in this letter, and no opinion has been or should be implied, or may be inferred, beyond the matters expressly stated. This opinion speaks only as to law and facts in effect or existing as of the date hereof, and we have no obligation or responsibility to update or supplement this letter to reflect any facts or circumstances that may hereafter come to our attention or any changes in law that may hereafter occur.

We consent to the filing of this opinion as an exhibit to the Registration Statement. In giving such consent, we do not thereby admit that we are in the category of persons whose consent is required under Section 7 of the Securities Act of 1933, as amended, or the rules and regulations of the Commission thereunder.

Sincerely,

Cooley LLP

By: /s/ Mark Ballantyne

Mark Ballantyne

ONE FREEDOM SQUARE, RESTON TOWN CENTER, 11951 FREEDOM DRIVE, RESTON, VA 20190-5656 T: (703) 456-8000 F: (703) 456-8100 WWW.COOLEY.COM

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CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We hereby consent to the incorporation by reference in this Registration Statement on Form S-8 of Aclaris Therapeutics, Inc. of our report dated February 27, 2024 relating to the financial statements and the effectiveness of internal control over financial reporting, which appears in Aclaris Therapeutics, Inc.'s Annual Report on Form 10-K for the year ended December 31, 2023.

/s/ PricewaterhouseCoopers LLP Philadelphia, Pennsylvania

November 27, 2024

Calculation of Filing Fee Tables

S-8

Aclaris Therapeutics, Inc.

Table 1: Newly Registered Securities

| | Security Type | Security Class Title | Fee Calculation Rule | Amount Registered | Proposed Maximum Offering Price Per Unit | Maximum Aggregate Offering Price | Fee Rate | Amount of Registration Fee |
|---|------------------|--|----------------------------|----------------------|--|---|-----------|----------------------------------|
| 1 | Equity | Common Stock, par value \$0.00001 per share, Aclaris Therapeutics, Inc. 2024 Inducement Plan | Other | 2,000,000 | \$ 4.055 | \$ 8,110,000.00 | 0.0001531 | \$ 1,241.64 |
| | | | Total Offerir | ng Amounts: | | \$ 8,110,000.00 | | \$ 1,241.64 |
| | | | | Fee Offsets: | | | | \$ 0.00 |
| | | | N | et Fee Due: | | | | \$ 1,241.64 |

Offering Note

The amount registered represents the number of shares of common stock, par value \$0.00001 per share ("Common Stock") of Aclaris Therapeutics, Inc. (the "Registrant") reserved for issuance under the Registrant's 2024 Inducement Plan. The proposed maximum offering price per unit is estimated in accordance with Rule 457(c) and Rule 457(h) promulgated under the Securities Act of 1933, as amended (the "Securities Act"), solely for the purpose of calculating the registration fee. The offering price per share and the aggregate offering price are based upon a per share price of \$4.055, which is the average of the high and low prices per share of the Registrant's Common Stock on November 20, 2024, as reported on The Nasdaq Global Select Market. Pursuant to Rule 416(a) promulgated under the Securities Act, this Registrant's 2024 Inducement Plan set forth herein by reason of any stock dividend, stock split, recapitalization, or other similar transaction effected that results in an increase to the number of outstanding shares of the Registrant's Common Stock.