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**SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

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**SCHEDULE 13D/A**

**Under the Securities Exchange Act of 1934  
(Amendment No. 4)\***

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**Soleno Therapeutics, Inc.**

(Name of Issuer)

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**Common Stock, \$0.001 par value per share**  
(Title of Class of Securities)

**834203309**  
(CUSIP Number)

**Alexander Rakitin**  
**Perceptive Advisors LLC**  
**51 Astor Place, 10<sup>th</sup> Floor**  
**New York, NY 10003**  
**(646) 205-5340**

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

**August 15, 2023**  
(Date of Event Which Requires Filing of this Statement)

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If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§ 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box.

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**Note:** Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See Section 240.13d-7 for other parties to whom copies are to be sent.

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\* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934, as amended ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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1.	Names of Reporting Persons. Perceptive Advisors LLC	
2.	Check the Appropriate Box if a Member of a Group (See Instructions)  (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3.	SEC Use Only	
4.	Source of Funds (See Instructions)  AF	
5.	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)  <input type="checkbox"/>	
6.	Citizenship or Place of Organization  Delaware	
Number of Shares Beneficially Owned by Each Reporting Person With	7.	Sole Voting Power  0
	8.	Shared Voting Power  2,207,753
	9.	Sole Dispositive Power  0
	10.	Shared Dispositive Power  2,207,753
11.	Aggregate Amount Beneficially Owned by Each Reporting Person  2,207,753	
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)  <input type="checkbox"/>	
13.	Percent of Class Represented by Amount in Row (11)  22.1%	
14.	Type of Reporting Person (See Instructions)  OO	

1.	Names of Reporting Persons. Perceptive Life Sciences Master Fund, Ltd.	
2.	Check the Appropriate Box if a Member of a Group (See Instructions)  (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3.	SEC Use Only	
4.	Source of Funds (See Instructions)  WC	
5.	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)  <input type="checkbox"/>	
6.	Citizenship or Place of Organization  Cayman Islands	
Number of Shares Beneficially Owned by Each Reporting Person With	7.	Sole Voting Power  0
	8.	Shared Voting Power  2,207,753
	9.	Sole Dispositive Power  0
	10.	Shared Dispositive Power  2,207,753
11.	Aggregate Amount Beneficially Owned by Each Reporting Person  2,207,753	
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)  <input type="checkbox"/>	
13.	Percent of Class Represented by Amount in Row (11)  22.1%	
14.	Type of Reporting Person (See Instructions)  CO	

1.	Names of Reporting Persons. Joseph Edelman	
2.	Check the Appropriate Box if a Member of a Group (See Instructions) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3.	SEC Use Only	
4.	Source of Funds (See Instructions) AF	
5.	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) <input type="checkbox"/>	
6.	Citizenship or Place of Organization United States of America	
Number of Shares Beneficially Owned by Each Reporting Person With	7.	Sole Voting Power 0
	8.	Shared Voting Power 2,207,753
	9.	Sole Dispositive Power 0
	10.	Shared Dispositive Power 2,207,753
11.	Aggregate Amount Beneficially Owned by Each Reporting Person 2,207,753	
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions) <input type="checkbox"/>	
13.	Percent of Class Represented by Amount in Row (11) 22.1%	
14.	Type of Reporting Person (See Instructions) IN	

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**Item 5. Interest in Securities of the Issuer**

Item 5 of the Schedule 13D is amended and supplemented as follows:

- (a) The information set forth in rows 11 and 13 of the cover pages to this Schedule 13D is incorporated by reference. The percentage set forth in row 13 is based on 9,992,178 shares of Common Stock outstanding as of August 3, 2023, as reported by the Issuer in its Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission on August 8, 2023.
- (b) The information set forth in rows 7 through 10 of the cover pages to this Schedule 13D is incorporated by reference.

**SIGNATURES**

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: August 15, 2023

PERCEPTIVE ADVISORS LLC

By: /s/ Joseph Edelman  
Name: Joseph Edelman  
Title: Managing Member

PERCEPTIVE LIFE SCIENCES MASTER FUND, LTD.

By: /s/ Joseph Edelman  
Name: Joseph Edelman  
Title: Managing Member

/s/ Joseph Edelman  
JOSEPH EDELMAN