FORM 4

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

OMB APPROVAL					
OMB Number:	3235-0287				
Estimated average burd	len				
hours per response:	0.5				

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

# STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934

			i iiod							t Company A			_						
		f Reporting Person ADVISORS			EL	RX F				ding Symbol EUTICA	LS II	<u>VC</u> [		. Relationsh Check all app Direc	olicable		X 1	0% O	wner
(Last) 51 ASTO	(Fi	st) (N	Middle)	3. Dat 09/1:			st Trar	nsacti	on (N	lonth/Day/Ye	ear)			Offic belo	er (give w)	title		Other (	specify
(Street) NEW YO			0003 ——————————————————————————————————	4. If A	mer	ndmen	t, Date	e of O	rigina	l Filed (Monti	h/Day/\	'ear)			n filed b	Group Fi y One Re y More th	eporting	g Pers	on
			e I - Non-Deriv	ative S	Sec	uritie	s Ac	auir	ed	Disposed	of o	r Benef	ici	ally Own	ed				
1. Title of	Security (Ins		2. Transaction Date (Month/Day/Year	2A. D Execu	eem utior		3. Tra	ansact	ion	4. Securitie Disposed O 5)	s Acqui	red (A) or		5. Amount Securities Beneficial Owned	of	6. Owner Form: I (D) or Indirect	Direct t (I)	Indire Bene Owne	ficial ership
							Co	de	v	Amount	(A) or (D)	Price		Following Reported Transactio (Instr. 3 ar		(Instr. 4	1)	(Instr	. 4)
Common	Stock		09/15/2016					S		276,927	D	\$3.72	77	5,718,	833	I		See Foot	tnotes(1)(2)
Common	Stock		09/15/2016					S		115,923	D	\$3.62	75	5,602,	910	I		See Foot	tnotes(1)(2)
		Та	ble II - Derivat (e.g., pt							sposed o									
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	4. Transac Code (I 8)	ction	5. N of Deri Secu Acq (A) o	umber vative urities uired or oosed o) tr. 3, 4	6. E Exp (Mo	Date E	ixercisable and non Date On Date Day/Year)	7. 1 Am Sec Un Dei	itle and ount of curities derlying ivative curity (Inst		8. Price of Derivative Security (Instr. 5)	deriva Securi Benefi Owned Follow Repor	ties cially I ving ted action(s)	10. Owner Form: Direct or Ind (I) (Ins 4)	(D)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)	Dat Exe	e rcisa	Expirati	on Titl	Amou or Numb of Share	ber						
		f Reporting Person ADVISORS																	
(Last) 51 ASTO	OR PLACE,	(First) 10TH FLOOR	(Middle)																
(Street) NEW YO	ORK	NY	10003																
(City)		(State)	(Zip)																

1. Name and Addre	ss of Reporting Person	on*					
(Last)	(First)	(Middle)					
C/O PERCEPTI	VE ADVISORS LI	LC .					
51 ASTOR PLAC	CE, 10TH FLOOR	-					
(Street)							
NEW YORK	NY	10003					
(City)	(State)	(Zip)					
1. Name and Addre	ss of Reporting Person	on <sup>*</sup>					
PERCEPTI\	/E LIFE SCIE	NCES MASTER					
<b>FUND LTD</b>							
(Last)	(First)	(Middle)					
C/O PERCEPTIVE ADVISORS LLC							
51 ASTOR PLACE, 10TH FLOOR							
(0)							
(Street)							
(Street) NEW YORK	NY	10003					

### Explanation of Responses:

- 1. This Form 4 is being filed by Perceptive Life Sciences Master Fund Ltd. (the "Master Fund"), Perceptive Advisors LLC (the "Advisor") and Joseph Edelman. The Advisor serves as the investment manager of Master Fund and to a managed account (the "Managed Account") for Titan Perc, Ltd. Mr. Edelman is the managing member of the Advisor.
- 2. This amount reflects the amount of securities held by the Master Fund and the Managed Account immediately following the transaction requiring the filing of this statement. In accordance with Instruction 5(b)(iv) of Form 4, the entire amount of the Issuer's securities held by Master Fund and the Managed Account is reported herein. Each of Mr. Edelman and the Advisor disclaims, for purposes of Section 16 of the Securities Exchange Act of 1934, beneficial ownership of such securities, except to the extent of his/its indirect pecuniary interest therein, and this report shall not be deemed an admission that either Mr. Edelman or the Advisor is the beneficial owner of such securities for purposes of Section 16 or for any other purposes.

/s/ Joseph Edelman, managing member of Perceptive 09/16/2016 Advisors LLC

\*\* Signature of Reporting Person Date

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

- $^{\star}$  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.

## **Information Regarding Joint Filers**

Designated Filer of Form 4: Perceptive Advisors LLC

Date of Earliest Transaction Required to be Reported: September 15, 2016

Issuer Name and Ticker Symbol: AcelRX Pharmaceuticals, Inc. (ACRX)

Names: Perceptive Life Sciences Master Fund Ltd. and Joseph Edelman

Address: Perceptive Advisors LLC

51 Astor Place, 10th Floor New York, NY 10003

### Signatures:

The undersigned, Perceptive Life Sciences Master Fund Ltd. and Joseph Edelman, are jointly filing the attached Statement of Changes in Beneficial Ownership of Securities on Form 4 with Perceptive Advisors LLC with respect to the beneficial ownership of securities of AcelRX Pharmaceuticals, Inc.

### PERCEPTIVE LIFE SCIENCES MASTER FUND LTD.

By: Perceptive Advisors LLC, its investment manager

By: /s/ Joseph Edelman

Joseph Edelman, managing member

JOSEPH EDELMAN

By: <u>/s/ Joseph Edelman</u> Joseph Edelman