SEC Form 4	
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(Street) BEIRUT

(City)

M8

(State)

2020-3313

(Zip)

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

OMB APPROVAL						
OMB Number: 3235-0287						
Estimated average burden						

hours per response:	0.5
Estimated average burden	

							()						+0						
1. Name and Address of Reporting Person [*] <u>Pillar Invest Corp</u>					2. Issuer Name and Ticker or Trading Symbol IDERA PHARMACEUTICALS, INC. [IDRA]								Relationshi heck all app Direc	blicable) ctor	Ū	X 10	% Owner		
(Last) (First) (Middle)					L										Offic belov	er (give ti w)	tie		her (specify low)
		,	. ,	<i>.</i>	_	3. Date of Earliest Transaction (Month/Day/Year)													
PILLAR INVEST OFFSHORE SAL STARCO CTR, BLOC B, 3RD FLOOR, OMAR DAOUK STREET					0	01/27/2020													
	, 510 120		oon		- 4.	. If Amer	ndment.	Date	of Or	iainal	Filed (Month	/Dav/Yea	ar)	6.	Individual o	or Joint/Gr	roup Fil	ina (Chea	ck Applicable
(Street)						 If Amendment, Date of Original Filed (Month/Day/Year) Individual or Joint/Group Filing (Check Appline) Form filed by One Reporting Person 													
BEIRUT	M	8 2	2 020- 3	3313											Farm				Person Reporting
					-										X Pers		more a		teporting
(City)	(St	ate) ((Zip)																
		Tabl	le I - N	Non-Deriv	/ativ	/e Sec	uritie	s Ac	qui	red,	Disposed	l of, oi	Benefi	cia	lly Owne	ed			
1. Title of S	Security (Inst	r. 3)	2	2. Transaction		2A. Dee		3.			4. Securities				5. Amount			nership	7. Nature of
				Date (Month/Day/Ye		if any	tion Date,		Transaction Code (Instr.		Disposed Of (D) (Ins				Securities Beneficial	ly	(D) or	Direct Indirect	Indirect Beneficial
						(Month/Day/Year		r) 8)							Owned Fo Reported	-	(I) (Instr. 4	str. 4)	Ownership (Instr. 4)
								c	ode	v	Amount	(A) or (D)	Price		Transactio				
																		_	See
Common	Stock			01/27/202	0				S		15,000	D	\$1.77	_	3,284,3	224(1)		I	Footnote ⁽¹⁾
																			See
Common	Stock			01/28/202	0				S		12,532	D	\$1.762	(2)	3,271,6	92 ⁽³⁾⁽⁵⁾		I	Footnote ⁽³⁾⁽⁵⁾
								+				<u> </u>		_					See
Common	Stock			01/29/202	0				S		17,250	D	\$1.7645	5 ⁽⁴⁾	3,254,4	42 ⁽⁵⁾⁽⁶⁾		I	Footnote ⁽⁵⁾⁽⁶⁾
<u> </u>		Ta				Coour	itioo	<u> </u>		4 D:	isposed o	f or D	l						
		Ic	able li								s, convert				Owneu				
1. Title of	2.	3. Transaction	3A. De	eemed	4.		5. Nui	mber	6. D	Date E	xercisable and		tle and		8. Price of	9. Numb		10.	11. Nature
Derivative Security	Conversion or Exercise	Date (Month/Day/Year)	Execu if any		Cod	saction e (Instr.	of Deriva				n Date ay/Year)	Sec	ount of urities		Derivative Security	derivativ Securitie	es	Owners Form:	Beneficial
Derivative	or Exercise Price of Derivative		Execu if any				Deriva Secur Acqui	rities ired				Sec Und Deri	urities erlying vative			Securitie Beneficia Owned	es ally	Form: Direct (E or Indire	Beneficial O) Ownership ect (Instr. 4)
Derivative Security	or Exercise Price of		Execu if any		Cod		Deriva Secur Acqui (A) or Dispo	rities ired sed				Sec Und Deri	urities erlying vative urity (Instr.		Security	Securitie Beneficia Owned Followin Reported	es ally Ig d	Form: Direct (D	Beneficial O) Ownership ect (Instr. 4)
Derivative Security	or Exercise Price of Derivative		Execu if any		Cod		Deriva Secur Acqui (A) or Dispo of (D) (Instr.	rities ired sed 3, 4				Sec Und Deri Sec	urities erlying vative urity (Instr.		Security	Securitie Beneficia Owned Followin	es ally Ig d tion(s)	Form: Direct (E or Indire	Beneficial O) Ownership ect (Instr. 4)
Derivative Security	or Exercise Price of Derivative		Execu if any		Cod		Deriva Secur Acqui (A) or Dispo of (D)	rities ired sed 3, 4				Sec Und Deri Sec	urities erlying vative urity (Instr. 4)	3	Security	Securitie Beneficia Owned Followin Reported Transact	es ally Ig d tion(s)	Form: Direct (E or Indire	Beneficial O) Ownership ect (Instr. 4)
Derivative Security	or Exercise Price of Derivative		Execu if any		Cod		Deriva Secur Acqui (A) or Dispo of (D) (Instr.	rities ired sed 3, 4				Sec Und Deri Sec	urities erlying vative urity (Instr.	3	Security	Securitie Beneficia Owned Followin Reported Transact	es ally Ig d tion(s)	Form: Direct (E or Indire	Beneficial O) Ownership ect (Instr. 4)
Derivative Security	or Exercise Price of Derivative		Execu if any		Cod		Deriva Secur Acqui (A) or Dispo of (D) (Instr.	rities ired sed 3, 4		onth/D		Sec Und Deri Sec and	urities erlying vative urity (Instr. 4) Amoun	3 It	Security	Securitie Beneficia Owned Followin Reported Transact	es ally Ig d tion(s)	Form: Direct (E or Indire	Beneficial O) Ownership ect (Instr. 4)
Derivative Security	or Exercise Price of Derivative		Execu if any		Cod	e (Instr.	Deriva Secur Acqui (A) or Dispo of (D) (Instr.	rities ired sed 3, 4	(Mo	onth/D	ay/Year)	Sec Und Deri Sec and	urities erlying vative urity (Instr. 4) Amoun or Numbe of	3 It It	Security	Securitie Beneficia Owned Followin Reported Transact	es ally Ig d tion(s)	Form: Direct (E or Indire	Beneficial O) Ownership ect (Instr. 4)
Derivative Security (Instr. 3)	or Exercise Price of Derivative Security	(Month/Day/Year)	Execu if any		Code 8)	e (Instr.	Deriva Secur Acqui (A) or Dispo of (D) (Instr. and 5	ities ired sed 3, 4)	(Mo	e	ay/Year)	Sec Und Deri Sec and	urities erlying vative urity (Instr. 4) Amoun or Numbe of	3 It It	Security	Securitie Beneficia Owned Followin Reported Transact	es ally Ig d tion(s)	Form: Direct (E or Indire	Beneficial O) Ownership ect (Instr. 4)
Derivative Security (Instr. 3)	or Exercise Price of Derivative Security	(Month/Day/Year)	Execu if any		Code 8)	e (Instr.	Deriva Secur Acqui (A) or Dispo of (D) (Instr. and 5	ities ired sed 3, 4)	(Mo	e	ay/Year)	Sec Und Deri Sec and	urities erlying vative urity (Instr. 4) Amoun or Numbe of	3 It It	Security	Securitie Beneficia Owned Followin Reported Transact	es ally Ig d tion(s)	Form: Direct (E or Indire	Beneficial O) Ownership ect (Instr. 4)
I. Name ar <u>Pillar I</u>	or Exercise Price of Derivative Security	(Month/Day/Year) Reporting Person*	Execu if any (Monti	th/Day/Year)	Code 8)	e (Instr.	Deriva Secur Acqui (A) or Dispo of (D) (Instr. and 5	ities ired sed 3, 4)	(Mo	e	ay/Year)	Sec Und Deri Sec and	urities erlying vative urity (Instr. 4) Amoun or Numbe of	3 It It	Security	Securitie Beneficia Owned Followin Reported Transact	es ally Ig d tion(s)	Form: Direct (E or Indire	Beneficial O) Ownership ect (Instr. 4)
1. Name ar Pillar In (Last)	or Exercise Price of Derivative Security and Address of <u>avest Cor</u>	(Month/Day/Year) Reporting Person*	Execu if any (Monti	th/Day/Year)	Code 8)	e (Instr.	Deriva Secur Acqui (A) or Dispo of (D) (Instr. and 5	ities ired sed 3, 4)	(Mo	e	ay/Year)	Sec Und Deri Sec and	urities erlying vative urity (Instr. 4) Amoun or Numbe of	3 It It	Security	Securitie Beneficia Owned Followin Reported Transact	es ally Ig d tion(s)	Form: Direct (E or Indire	Beneficial O) Ownership ect (Instr. 4)
1. Name ar Pillar In (Last)	or Exercise Price of Derivative Security and Address of <u>avest Cor</u>	(Month/Day/Year) Reporting Person* <u>P</u> (First) FFSHORE SAL	(Monti	th/Day/Year) Middle) RCO CTR,	Code 8)	e (Instr.	Deriva Secur Acqui (A) or Dispo of (D) (Instr. and 5	ities ired sed 3, 4)	(Mo	e	ay/Year)	Sec Und Deri Sec and	urities erlying vative urity (Instr. 4) Amoun or Numbe of	3 It It	Security	Securitie Beneficia Owned Followin Reported Transact	es ally Ig d tion(s)	Form: Direct (E or Indire	Beneficial O) Ownership ect (Instr. 4)
1. Name ar Pillar In (Last)	or Exercise Price of Derivative Security and Address of <u>avest Cor</u>	(Month/Day/Year) Reporting Person*	(Monti	th/Day/Year) Middle) RCO CTR,	Code 8)	e (Instr.	Deriva Secur Acqui (A) or Dispo of (D) (Instr. and 5	ities ired sed 3, 4)	(Mo	e	ay/Year)	Sec Und Deri Sec and	urities erlying vative urity (Instr. 4) Amoun or Numbe of	3 It It	Security	Securitie Beneficia Owned Followin Reported Transact	es ally Ig d tion(s)	Form: Direct (E or Indire	Beneficial O) Ownership ect (Instr. 4)
1. Name ar Pillar In (Last) PILLAR BLOC B	or Exercise Price of Derivative Security and Address of <u>avest Cor</u>	(Month/Day/Year) Reporting Person* <u>P</u> (First) FFSHORE SAL	(Monti	th/Day/Year) Middle) RCO CTR,	Code 8)	e (Instr.	Deriva Secur Acqui (A) or Dispo of (D) (Instr. and 5	ities ired sed 3, 4)	(Mo	e	ay/Year)	Sec Und Deri Sec and	urities erlying vative urity (Instr. 4) Amoun or Numbe of	3 It It	Security	Securitie Beneficia Owned Followin Reported Transact	es ally Ig d tion(s)	Form: Direct (E or Indire	Beneficial O) Ownership ect (Instr. 4)
1. Name ar Pillar In (Last) PILLAR BLOC B (Street)	or Exercise Price of Derivative Security and Address of Divest Corr INVEST O , 3RD FLOO	(Month/Day/Year) Reporting Person* 2 (First) FFSHORE SAL OR, OMAR DA	(Monti (Monti (STAI OUK	h/Day/Year) Middle) RCO CTR, STREET	Code 8)	e (Instr.	Deriva Secur Acqui (A) or Dispo of (D) (Instr. and 5	ities ired sed 3, 4)	(Mo	e	ay/Year)	Sec Und Deri Sec and	urities erlying vative urity (Instr. 4) Amoun or Numbe of	3 It It	Security	Securitie Beneficia Owned Followin Reported Transact	es ally Ig d tion(s)	Form: Direct (E or Indire	Beneficial O) Ownership ect (Instr. 4)
1. Name ar Pillar In (Last) PILLAR BLOC B	or Exercise Price of Derivative Security and Address of Divest Corr INVEST O , 3RD FLOO	(Month/Day/Year) Reporting Person* <u>P</u> (First) FFSHORE SAL	(Monti (Monti (STAI OUK	th/Day/Year) Middle) RCO CTR,	Code 8)	e (Instr.	Deriva Secur Acqui (A) or Dispo of (D) (Instr. and 5	ities ired sed 3, 4)	(Mo	e	ay/Year)	Sec Und Deri Sec and	urities erlying vative urity (Instr. 4) Amoun or Numbe of	3 It It	Security	Securitie Beneficia Owned Followin Reported Transact	es ally Ig d tion(s)	Form: Direct (E or Indire	Beneficial O) Ownership ect (Instr. 4)
1. Name ar Pillar In (Last) PILLAR BLOC B (Street)	INVEST O	(Month/Day/Year) Reporting Person* 2 (First) FFSHORE SAL OR, OMAR DA	(Monti STAI OUK	h/Day/Year) Middle) RCO CTR, STREET	Code 8)	e (Instr.	Deriva Secur Acqui (A) or Dispo of (D) (Instr. and 5	ities ired sed 3, 4)	(Mo	e	ay/Year)	Sec Und Deri Sec and	urities erlying vative urity (Instr. 4) Amoun or Numbe of	3 It It	Security	Securitie Beneficia Owned Followin Reported Transact	es ally Ig d tion(s)	Form: Direct (E or Indire	Beneficial O) Ownership ect (Instr. 4)
Derivative Security (Instr. 3)	or Exercise Price of Derivative Security and Address of <u>INVEST O</u> , 3RD FLO	(Month/Day/Year) Reporting Person* 2 (First) FFSHORE SAL DR, OMAR DA M8 (State)	(Monti STAI OUK	h/Day/Year) Middle) RCO CTR, STREET 2020-3313	Code 8)	e (Instr.	Deriva Secur Acqui (A) or Dispo of (D) (Instr. and 5	ities ired sed 3, 4)	(Mo	e	ay/Year)	Sec Und Deri Sec and	urities erlying vative urity (Instr. 4) Amoun or Numbe of	3 It It	Security	Securitie Beneficia Owned Followin Reported Transact	es ally Ig d tion(s)	Form: Direct (E or Indire	Beneficial O) Ownership ect (Instr. 4)
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Derivative Security (Instr. 3) 1. Name ar Pillar In (Last) PILLAR BLOC B (Street) BEIRUT (City) 1. Name ar	or Exercise Price of Derivative Security and Address of INVEST O , 3RD FLOO	(Month/Day/Year) Reporting Person* 2 (First) FFSHORE SAL DR, OMAR DA M8 (State)	(Monti STAI OUK	h/Day/Year) Middle) RCO CTR, STREET 2020-3313	Code 8)	e (Instr.	Deriva Secur Acqui (A) or Dispo of (D) (Instr. and 5	ities ired sed 3, 4)	(Mo	e	ay/Year)	Sec Und Deri Sec and	urities erlying vative urity (Instr. 4) Amoun or Numbe of	3 It It	Security	Securitie Beneficia Owned Followin Reported Transact	es ally Ig d tion(s)	Form: Direct (E or Indire	Beneficial O) Ownership ect (Instr. 4)
Derivative Security (Instr. 3) 1. Name ar Pillar In (Last) PILLAR BLOC B (Street) BEIRUT (City) 1. Name ar	or Exercise Price of Derivative Security and Address of INVEST O , 3RD FLOO	(Month/Day/Year) Reporting Person* 2 (First) FFSHORE SAL OR, OMAR DA M8 (State) Reporting Person*	(Monti STAI OUK	h/Day/Year) Middle) RCO CTR, STREET 2020-3313	Code 8)	e (Instr.	Deriva Secur Acqui (A) or Dispo of (D) (Instr. and 5	ities ired sed 3, 4)	(Mo	e	ay/Year)	Sec Und Deri Sec and	urities erlying vative urity (Instr. 4) Amoun or Numbe of	3 It It	Security	Securitie Beneficia Owned Followin Reported Transact	es ally Ig d tion(s)	Form: Direct (E or Indire	Beneficial O) Ownership ect (Instr. 4)
Derivative Security (Instr. 3)	or Exercise Price of Derivative Security and Address of <u>INVEST O</u> , 3RD FLOO	(Month/Day/Year) Reporting Person* 2 (First) FFSHORE SAL OR, OMAR DA M8 (State) Reporting Person* ticals I LP	(Monti if any (Monti Courties (International) (International)	h/Day/Year) Middle) RCO CTR, STREET 2020-3313 Zip) Middle)	Code	e (Instr.	Deriva Secur Acqui (A) or Dispo of (D) (Instr. and 5	ities ired sed 3, 4)	(Mo	e	ay/Year)	Sec Und Deri Sec and	urities erlying vative urity (Instr. 4) Amoun or Numbe of	3 It It	Security	Securitie Beneficia Owned Followin Reported Transact	es ally Ig d tion(s)	Form: Direct (E or Indire	Beneficial O) Ownership ect (Instr. 4)

1. Name and Address o Pillar Pharmace		
(Last)	(First)	(Middle)
PILLAR INVEST	OFFSHORE SAL, ST	FARCO CTR,
BLOC B, 3RD FLO	OOR, OMAR DAOU	K STREET
(Street) BEIRUT	M8	2020-3313
(City)	(State)	(Zip)
1. Name and Address o Pillar Pharmace		
(Last)	(First)	(Middle)
	OFFSHORE SAL ST	
BLOC B, 3RD FLC	OOR OMAR DAOUI	K STREET
(Street) BEIRUT	M8	2020-3313
(City)	(State)	(Zip)
1. Name and Address o	f Reporting Person*	
Pillar Pharmace	<u>uticals IV, L.P.</u>	
(Last)	(First)	(Middle)
	OFFSHORE SAL ST	1
BLOC B, 3RD FLC	OOR, OMAR DAOU	K STREET
(Street) BEIRUT	M8	2020-3313
(City)	(State)	(Zip)
(City) 1. Name and Address o Pillar Pharmace	f Reporting Person*	(Zip)
1. Name and Address o	f Reporting Person*	(Zip) (Middle)
1. Name and Address o <u>Pillar Pharmace</u> (Last) PILLAR INVEST (f Reporting Person [*] uticals V LP (First) DFFSHORE SAL ST	(Middle) ARCO CTR,
1. Name and Address o <u>Pillar Pharmace</u> (Last) PILLAR INVEST (f Reporting Person [*] uticals V LP (First)	(Middle) ARCO CTR,
1. Name and Address o <u>Pillar Pharmace</u> (Last) PILLAR INVEST (f Reporting Person [*] uticals V LP (First) DFFSHORE SAL ST	(Middle) ARCO CTR,
1. Name and Address o <u>Pillar Pharmace</u> (Last) PILLAR INVEST (BLOC B, 3RD FLC (Street)	f Reporting Person [*] uticals V LP (First) DFFSHORE SAL ST DOR, OMAR DAOU	(Middle) ARCO CTR, K STREET
1. Name and Address o <u>Pillar Pharmace</u> (Last) PILLAR INVEST (BLOC B, 3RD FLC (Street) BEIRUT	f Reporting Person [*] uticals V LP (First) DFFSHORE SAL ST DOR, OMAR DAOU M8 (State) f Reporting Person [*]	(Middle) 'ARCO CTR, K STREET 2020-3313
1. Name and Address o Pillar Pharmace (Last) PILLAR INVEST (BLOC B, 3RD FLC (Street) BEIRUT (City) 1. Name and Address o Pillar Pharmace (Last) PILLAR INVEST (f Reporting Person [*] uticals V LP (First) DFFSHORE SAL ST DOR, OMAR DAOU M8 (State) f Reporting Person [*]	(Middle) ARCO CTR, K STREET 2020-3313 (Zip) (Middle) ARCO CTR,
1. Name and Address o Pillar Pharmace (Last) PILLAR INVEST (BLOC B, 3RD FLC (Street) BEIRUT (City) 1. Name and Address o Pillar Pharmace (Last) PILLAR INVEST (f Reporting Person [*] <u>uticals V LP</u> (First) DFFSHORE SAL ST DOR, OMAR DAOU M8 (State) f Reporting Person [*] <u>uticals 6, L.P.</u> (First) DFFSHORE SAL ST	(Middle) ARCO CTR, K STREET 2020-3313 (Zip) (Middle) ARCO CTR,
1. Name and Address o <u>Pillar Pharmace</u> (Last) PILLAR INVEST (BLOC B, 3RD FLC (Street) BEIRUT (City) 1. Name and Address o <u>Pillar Pharmace</u> (Last) PILLAR INVEST (BLOC B, 3RD FLC (Street)	f Reporting Person* <u>uticals V LP</u> (First) DFFSHORE SAL ST DOR, OMAR DAOU M8 (State) f Reporting Person* <u>uticals 6, L.P.</u> (First) DFFSHORE SAL ST DOR, OMAR DAOU	(Middle) ARCO CTR, K STREET 2020-3313 (Zip) (Middle) ARCO CTR, K STREET
1. Name and Address o Pillar Pharmace (Last) PILLAR INVEST (BLOC B, 3RD FLC (Street) BEIRUT (City) 1. Name and Address o Pillar Pharmace (Last) PILLAR INVEST (BLOC B, 3RD FLC (Street) BEIRUT	f Reporting Person [*] uticals V LP (First) DFFSHORE SAL ST DOR, OMAR DAOU M8 (State) f Reporting Person [*] uticals 6, L.P. (First) DFFSHORE SAL ST DOR, OMAR DAOU M8 (State) f Reporting Person [*]	(Middle) ARCO CTR, K STREET 2020-3313 (Zip) (Middle) ARCO CTR, K STREET 2020-3313
1. Name and Address of Pillar Pharmace (Last) PILLAR INVEST (BLOC B, 3RD FLC (Street) BEIRUT (City) 1. Name and Address of PILLAR INVEST (BLOC B, 3RD FLC (Street) BLOC B, 3RD FLC (Street) BLOC B, 3RD FLC (City) 1. Name and Address of PILLAR INVEST (PILLAR INVEST (f Reporting Person [*] uticals V LP (First) DFFSHORE SAL ST DOR, OMAR DAOU M8 (State) f Reporting Person [*] uticals 6, L.P. (First) DFFSHORE SAL ST DOR, OMAR DAOU M8 (State) f Reporting Person [*]	(Middle) ARCO CTR, K STREET 2020-3313 (Zip) (Middle) ARCO CTR, K STREET 2020-3313 (Zip) (Middle) ARCO CTR,

(City)	(State)	(Zip)
1. Name and Address <u>Umari Abude</u>	of Reporting Person [*]	
(Last)	(First)	(Middle)
PILLAR INVEST	OFFSHORE SAL ST	FARCO CTR,
BLOC B, 3RD FL	OOR, OMAR DAOU	JK STREET
(Street)		
BEIRUT	M8	2020-3313
(City)	(State)	(Zip)
1. Name and Address <u>ZEIN YOUSS</u>	1 0	
(Last)	(First)	(Middle)
PILLAR INVEST	OFFSHORE SAL, S	TARCO CTR,
BLOC B, 3RD FL	OOR, OMAR DAOU	JK STREET
(Street)		
BEIRUT	M8	2020-3313
(City)	(State)	(Zip)

Explanation of Responses:

1. Shares sold by Pillar Pharmaceuticals I, L.P. ("Pillar I"). Pillar Invest Corporation ("Pillar GP") disclaims Section 16 beneficial ownership of the securities beneficially owned by Pillar I and this report shall not be deemed an admission that Pillar GP is the Section 16 beneficial owner of any such securities, except to the extent of its pecuniary interest therein, if any, by virtue of its ownership interest in Pillar I. Following this transaction, Pillar I owns directly 21,100 shares of common stock of the Issuer.

2. The shares sold on this date were sold in multiple transactions. This price is the weighted average sales price per share of all shares sold on this date; the actual sale prices per share range from \$1.76-\$1.77. The reporting person undertakes to provide the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price.

3. Shares sold by Pillar Pharmaceuticals II, L.P. ("Pillar II"). Pillar Invest Corporation ("Pillar GP") disclaims Section 16 beneficial ownership of the securities beneficially owned by Pillar II and this report shall not be deemed an admission that Pillar GP is the Section 16 beneficial owner of any such securities, except to the extent of its pecuniary interest therein, if any, by virtue of its ownership interest in Pillar II. Following this transaction, Pillar II owns directly 20,820 shares of common stock of the Issuer.

4. The shares sold on this date were sold in multiple transactions. This price is the weighted average sales price per share of all shares sold on this date; the actual sale prices per share range from \$1.76-\$1.7707. The reporting person undertakes to provide the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price.

5. Shares sold by Pillar Pharmaceuticals III, L.P. ("Pillar III"). Pillar Invest Corporation ("Pillar GP") disclaims Section 16 beneficial ownership of the securities beneficially owned by Pillar III and this report shall not be deemed an admission that Pillar GP is the Section 16 beneficial owner of any such securities, except to the extent of its pecuniary interest therein, if any, by virtue of its ownership interest in Pillar III. Following the transactions on 1/28/20 and 1/29/20, Pillar III owns directly 29,998 shares of common stock of the Issuer.

6. Shares sold by Pillar Pharmaceuticals V, L.P. ("Pillar V"). Pillar Invest Corporation ("Pillar GP") disclaims Section 16 beneficial ownership of the securities beneficially owned by Pillar V and this report shall not be deemed an admission that Pillar GP is the Section 16 beneficial owner of any such securities, except to the extent of its pecuniary interest therein, if any, by virtue of its ownership interest in Pillar V. Following this transaction, Pillar V owns directly 25,000 shares of common stock of the Issuer.

Remarks:

Pillar Invest Corporation, /s/ Youssef El Zein, Authorized 02/26/2020 Person

** 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.