BVF PARTNERS L P/IL

Form 4

Common Stock, \$0.001 par

December 17, 2018

December 17,	, 2018										
FORM	FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION										
	Washington, D.C. 20549								OMB Number:	3235-0287	
Check this if no longe	or .	(
subject to	subject to Section 16. SIATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES							ERSHIP OF	Estimated average burden hours per response 0.		
Form 5 obligations may continue <i>See</i> Instructions.	Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(b) of the Investment Company Act of 1940										
(Print or Type Ro	esponses)										
1. Name and Ad BVF PARTN	Symbol		d Ticker or		I	5. Relationship of Reporting Person(s) to Issuer					
	INFINITY PHARMACEUTICALS, INC. [INFI]						(Check	(Check all applicable)			
(Last)	(Last) (First) (Middle) 3. Date (Month				Transaction		- - 1	DirectorX 10% Owner Officer (give title Other (specify below) below)			
44 MONTGO STREET, 40'			12/13/2	2018					561511)		
SAN FRANC	Filed(Month/Day/Year)					6. Individual or Joint/Group Filing(Check Applicable Line) Form filed by One Reporting Person _X_ Form filed by More than One Reporting Person					
(City)	(State)	(Zip)	Tab	ole I - Non-	Derivative S	Securi		ired, Disposed of,	or Beneficiall	y Owned	
	2. Transaction Date (Month/Day/Year)	2A. Deem Execution any (Month/Da	ed Date, if	3.	4. Securitie for Dispose (Instr. 3, 4	es Acq d of (E	uired (A)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
Common				Code V	Amount	(D)	Price	(Instr. 3 and 4)			
Stock	12/13/2018			P	54,461	A	\$ 1.1995	8,485,575	D (2)		
Common Stock, \$0.001 par value (1)	12/13/2018			P	120,539	A	\$ 1.1995	6,631,136	D (3)		

1,254,993

D (4)

value (1)

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

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 control number.

SEC 1474 (9-02)

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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. Transa Code (Instr.		5. mNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	Amou Unde Secur	rlying	8. Price of Derivative Security (Instr. 5)
				Code	V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	

Reporting Owners

Reporting Owner Name / Address	Relationships							
	Director	10% Owner	Officer	Other				
BVF PARTNERS L P/IL 44 MONTGOMERY STREET 40TH FLOOR SAN FRANCISCO, CA 94104		X						
BIOTECHNOLOGY VALUE FUND L P 44 MONTGOMERY STREET 40TH FLOOR SAN FRANCISCO, CA 94104		X						
BIOTECHNOLOGY VALUE FUND II LP 44 MONTGOMERY STREET 40TH FLOOR SAN FRANCISCO, CA 94104		X						
Biotechnology Value Trading Fund OS LP P.O. BOX 309 UGLAND HOUSE GRAND CAYMAN, E9 KY1-1104				See Explanation of Responses				
BVF Partners OS Ltd. P.O. BOX 309 UGLAND HOUSE				See Explanation of Responses				

Reporting Owners 2

X

X

12/17/2018

12/17/2018

Date

12/17/2018

Date

GRAND CAYMAN, E9 KY1-1104

BVF INC/IL

44 MONTGOMERY STREET 40TH FLOOR

SAN FRANCISCO, CA 94104

LAMPERT MARK N

44 MONTGOMERY STREET

40TH FLOOR

SAN FRANCISCO, CA 94104

Signatures

	12/1//2010
**Signature of Reporting Person	Date
Biotechnology Value Fund, L.P., By: BVF Partners L.P., its general partner, By: BVF Inc.,	10/17/0010
its general partner, By: /s/ Mark N. Lampert, President	12/17/2018
**Signature of Reporting Person	Date
Biotechnology Value Fund II, L.P., By: BVF Partners L.P., its general partner, By: BVF Inc.,	
its general partner, By: /s/ Mark N. Lampert, President	12/17/2018
**Signature of Reporting Person	Date
BVF Partners OS Ltd., By: BVF Partners L.P., its sole member, By: BVF Inc., its general	
partner, By: /s/ Mark N. Lampert, President	12/17/2018
**Signature of Reporting Person	Date
Biotechnology Value Trading Fund OS LP, By: BVF Partners L.P., its investment manager,	
BVF Inc., its general partner, By: /s/ Mark N. Lampert, President	12/17/2018
**Signature of Reporting Person	Date

BVF Partners L.P., By: BVF Inc., its general partner, By: /s/ Mark N. Lampert, President

Explanation of Responses:

/s/ Mark N. Lampert

BVF Inc., By: /s/ Mark N. Lampert, President

- * 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).

**Signature of Reporting Person

**Signature of Reporting Person

- This Form 4 is filed jointly by Biotechnology Value Fund, L.P. ("BVF"), Biotechnology Value Fund II, L.P. ("BVF2"), Biotechnology Value Trading Fund OS LP ("Trading Fund OS"), BVF Partners OS Ltd. ("Partners OS"), BVF Partners L.P. ("Partners"), BVF Inc. and
- (1) Mark N. Lampert (collectively, the "Reporting Persons"). Each of the Reporting Persons is a member of a Section 13(d) group that collectively owns more than 10% of the Issuer's outstanding shares of Common Stock. Each of the Reporting Persons disclaims beneficial ownership of the securities reported herein except to the extent of his or its pecuniary interest therein.
- Securities owned directly by BVF. As the general partner of BVF, Partners may be deemed to beneficially own the securities owned directly by BVF. As the investment adviser and general partner of Partners, BVF Inc. may be deemed to beneficially own the securities owned directly by BVF. As a director and officer of BVF Inc., Mr. Lampert may be deemed to beneficially own the securities owned directly by BVF.

Signatures 3

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- (3) Securities owned directly by BVF2. As the general partner of BVF2, Partners may be deemed to beneficially own the securities owned directly by BVF2. As the investment adviser and general partner of Partners, BVF Inc. may be deemed to beneficially own the securities owned directly by BVF2. As a director and officer of BVF Inc., Mr. Lampert may be deemed to beneficially own the securities owned directly by BVF2.
 - Securities owned directly by Trading Fund OS. As the general partner of Trading Fund OS, Partners OS may be deemed to beneficially own the securities owned directly by Trading Fund OS. As the investment manager of Trading Fund OS and the sole member of Partners
- (4) OS, Partners may be deemed to beneficially own the securities owned directly by Trading Fund OS. As the investment adviser and general partner of Partners, BVF Inc. may be deemed to beneficially own the securities owned directly by Trading Fund OS. As a director and officer of BVF Inc., Mr. Lampert may be deemed to beneficially own the securities owned directly by Trading Fund OS.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.