INFINITY PHARMACEUTICALS, INC. Form 3 December 01, 2008 **FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION** Washington, D.C. 20549 OMB Number: INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF Expirect

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person <u>*</u> Rosebay Medical Co L.P. (Last) (First) (Middle) C/O NORTH BAY ASSOCIATES, 14000 QUAIL SPRINGS PARKWAY #2200 (Street) OKLAHOMA CITY, OK 73134			2. Date of Event Requiring Statement (Month/Day/Year) 11/19/2008		3. Issuer Name and Ticker or Trading Symbol INFINITY PHARMACEUTICALS, INC. [INFI]				
					4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <u>Director</u> X_10% Owner Officer Other (give title below) (specify below)		 5. If Amendment, Date Original Filed(Month/Day/Year) 6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person 		
	tate)	(Zip)		Table T N	In Daning	Have Committe	a Da	r c	
(Instr. 4)				2. Amount of Beneficially (Instr. 4)	f Securities	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)		•	
Common Stock				2,000,000		D <u>(1)</u>	Â		
Reminder: Report on a separate line for each class of securities beneficial owned directly or indirectly. Persons who respond to the collection of information contained in this form are not required to respond unless the form display currently valid OMB control number.					5	EC 1473 (7-02	2)		

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security	2. Date Exercisable and	3. Title and Amount of	4.	5.	6. Nature of Indirect
(Instr. 4)	Expiration Date	Securities Underlying	Conversion	Ownership	Beneficial Ownership
	(Month/Day/Year)	Derivative Security	or Exercise	Form of	(Instr. 5)
		(Instr. 4)	Price of	Derivative	
			Derivative	Security:	

OMB APPROVAL

OMB 3235-0104 Number: January 31, 2005 Estimated average burden hours per response... 0.5

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Date	Expiration	Title	Amount or	Security	Direct (D)
Exercisable	Date		Number of		or Indirect
			Shares		(I)
					(Instr. 5)

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
Rosebay Medical Co L.P. C/O NORTH BAY ASSOCIATES 4000 QUAIL SPRINGS PARKWAY #2200 OKLAHOMA CITY, OK 73134	Â	X	Â	Â		
Signatures						

Signatures

R C

1 C

Stephen A. Ives, as Vice President of Rosebay Medical Company, Inc., Rosebay Medical Company L.P.'s general partner

**Signature of Reporting Person

Explanation of Responses:

- * If the form is filed by more than one reporting person, *see* Instruction 5(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).

These securities were purchased pursuant to the Securities Purchase Agreement between the Issuer, Purdue Pharma L.P. and Purdue Pharmaceutical Products L.P., dated November 19, 2008. These securities were distributed by Purdue Pharma L.P. and Purdue

(1) Infamaceutical Products L.P., to the Reporting Person and Beacon Company, the ultimate parents of Purdue Pharma L.P. and Purdue Pharmaceutical Products L.P., via a series of distributions to each entity's limited partner until it reached the Reporting Person.

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.

12/01/2008

Date