

## INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL

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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934  
or Section 30(h) of the Investment Company Act of 1940

<b>1. Name and Address of Reporting Person*</b> <u>Greenberg Arthur</u>  (Last) (First) (Middle) <u>C/O PRO-PHARMACEUTICALS, INC.</u> <u>7 WELLS AVENUE, SUITE 34</u>  (Street) <u>NEWTON MA 02459</u>  (City) (State) (Zip)	<b>2. Date of Event Requiring Statement (Month/Day/Year)</b> <u>08/24/2009</u>	<b>3. Issuer Name and Ticker or Trading Symbol</b> <u>PRO PHARMACEUTICALS INC [ PWRP.OB ]</u>  <b>4. Relationship of Reporting Person(s) to Issuer (Check all applicable)</b> <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)	<b>5. If Amendment, Date of Original Filed (Month/Day/Year)</b> <u>08/24/2009</u>  <b>6. Individual or Joint/Group Filing (Check Applicable Line)</b> <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person
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### Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
<u>Common Stock</u>	<u>500,000<sup>(1)</sup></u>	<u>D</u>	

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

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

**Explanation of Responses:**

1. These shares were omitted from the reporting person's original Form 3 and comprise a grant of restricted stock granted on 2/13/09 in connection with an appointment to serve on the issuer's Compensation Committee, (but not as a director of the issuer), which is subject to forfeiture if Mr. Greenberg no longer serves as a director of the issuer, as follows: (i) 100%, if he is no longer serving as a director before February 13, 2010; (ii) 50%, if he is serving as a director on or after February 13, 2010 but no longer serving before May 13, 2010; (iii) 37.5%, if he is serving as a director on or after May 13, 2010 but no longer serving before August 13, 2010; (iv) 25%, if he is serving as a director on or after August 13, 2010 but no longer serving before November 13, 2010; and (v) 12.5%, if he is serving as a director on or after November 13, 2010 but no longer serving before February 13, 2011. On August 24, 2009, Mr. Greenberg was elected to serve on the issuer's Board of Directors.

/s/ Maureen Foley as Attorney-  
in-Fact for Arthur Greenberg    09/02/2009

\*\* 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 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).

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.