SEC Form 4

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

1. Name and Address of Reporting Person*			2. Issuer Name and Ticker or Trading Symbol <u>TARGACEPT INC</u> [TRGT]		5. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
DESOUZA ERROL B			[[]	X	Director	10% Owner			
(Last) C/O TARGAC 200 EAST FIR	1 A A A A A A A A A A A A A A A A A A A	(Middle) SUITE 300	3. Date of Earliest Transaction (Month/Day/Year) 08/31/2007		Officer (give title below)	Other (specify below)			
			4. If Amendment, Date of Original Filed (Month/Day/Year)		6. Individual or Joint/Group Filing (Check Applicable				
(Street) WINSTON- SALEM	NC	27101		Line) X	Form filed by One Re Form filed by More the Person				
(City)	(State)	(Zip)							
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned									

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Code (Instr.		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)		Securities	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership	
			Code	v	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		(Instr. 4)
Common Stock	08/31/2007		М		3,333	Α	\$0.075	5,333	D	

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) 1. Title of Derivative 3. Transaction 3A. Deemed Execution Date, 5. Number 6. Date Exercisable and 7. Title and 8. Price of 9. Number of 11. Nature 10. Conversion Transaction Ownership Date Amount of Derivative of Indirect Expiration Date derivative of Derivative Securities Acquired (A) or Disposed (Month/Day/Year) Security (Instr. 3) or Exercise Price of if any (Month/Day/Year) Code (Instr. 8) (Month/Day/Year) Securities Security (Instr. 5) Securities Beneficially Form: Beneficial Underlying Derivative Security Direct (D) Ownership Derivative Owned or Indirect (Instr. 4) Security (Instr. 3 and 4) Following (I) (Instr. 4) Reported of (D) (Instr. 3, 4 and 5) Transaction(s) (Instr. 4) Amount or Number Expiration Date of ν (A) (D) Title Shares Code Exercisable Date Stock Option Commor 08/31/2007 \$0.075 М 01/14/2005 12/31/2007(1) 3.333 \$<mark>0</mark> 0 D 3.333 (Right to Stock Buv)

Explanation of Responses:

1. As amended in December 2006, the option was required to be exercised, if at all, during the period beginning January 1, 2007 and ending December 31, 2007, except as otherwise permitted under Section 409A of the Internal Revenue Code, related regulations or other guidance.

Remarks:

<u>/s/ Peter A. Zorn, Attorney-in-</u> <u>Fact</u> 09/04/2007

Date

** Signature of Reporting Person

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.