SEC Form	4
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## 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).

## 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 APPR	OVAL
OMB Number:	3235-0287
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hours ner response.	05

1. Name and Address of Reporting Person <sup>*</sup> deBethizy J Donald			2. Issuer Name and Ticker or Trading Symbol <u>TARGACEPT INC</u> [ TRGT ]		5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner				
(Last) C/O TARGACE 200 EAST FIRS	(First) PT, INC. T STREET, SUIT	(Middle) TE 300	3. Date of Earliest Transaction (Month/Day/Year) 07/29/2009		Officer (give title below) President and	Other (specify below) CEO			
(Street) WINSTON- SALEM (City)	NC (State)	27101 (Zip)	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Indiv Line) X	idual or Joint/Group Filing Form filed by One Repo Form filed by More than Person	rting Person			

### 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)	3. Transa Code ( 8)		Disposed Of (D) (Instr. 3, 4 and 5)		5. Amount of Securities Beneficially Owned Following Reported	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	07/29/2009		М		5,700	A	\$1.75	52,617	D	
Common Stock	07/29/2009		S		4,400	D	\$11.0493	48,217	D	
Common Stock	07/29/2009		S		1,300	D	\$12.0006	46,917	D	

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

	(eigi, pars, varia, varians, ophons, conventible 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. Transaction Code (Instr. 8) Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		of I Derivative ( Securities Acquired (A) or Disposed of (D) (Instr. 3, 4		of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4		Transaction Code (Instr.     of Derivative Securities     Expiration Date (Month/Day/Year)     Art Securities       8)     Securities Acquired (A) or Disposed of (D) (Instr. 3, 4)     Expiration Date (Month/Day/Year)     Art Securities		Expiration Date Amount of (Month/Day/Year) Securities Underlying Derivative Se		Amount of De Securities Se		9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares							
Stock Option (Right to Buy)	\$1.75	07/29/2009		М			5,700	(1)	03/28/2015	Common Stock	5,700	\$0	159,103	D				

Explanation of Responses:

1. This option vested in installments and became vested in full on December 31, 2008.

#### Remarks:

The shares covered by this Form 4 have been sold pursuant to a Rule 10b5-1 Sales Plan dated March 14, 2008, which is intended to comply with Rule 10b5-1(c) promulgated under the Securities Exchange Act of 1934, as amended.

/s/ Peter A. Zorn, Attorney-in-	07/3
<u>Fact for J. Donald deBethizy</u>	0//3
** Signature of Reporting Person	Date

7/31/2009

\*\* 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.