SEC Form 4	
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### FORM 4

# UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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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
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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 ]	(Check X	ationship of Reporting Po k all applicable) Director Officer (give title	erson(s) to Issuer 10% Owner Other (specify	
(Last) C/O TARGACI 200 EAST FIR		(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 08/15/2008	X	below) President an	below)	
(Street) WINSTON- SALEM (City)	NC (State)	27101 (Zip)	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Indi Line) X	vidual or Joint/Group Fili Form filed by One Re Form filed by More th Person	porting 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)		4. Securities Acquired (A) or 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 (Instr. 4)
			Code	v	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		(
Common Stock	08/15/2008		М		100	A	\$1.75	93,935	D	
Common Stock	08/15/2008		S		100	D	\$10	93,835	D	
Common Stock	08/18/2008		М		900	A	\$1.75	94,735	D	
Common Stock	08/18/2008		S		900	D	\$10.011	93,835	D	
Common Stock	08/19/2008		М		1,700	A	\$1.75	95,535	D	
Common Stock	08/19/2008		S		1,700	D	\$10	93,835	D	

	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 ( 8)		of Deri Sec Acq (A) ( Disp of (I	oosed D) tr. 3, 4	Expiration Date (Month/Day/Year) ed			7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		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	08/15/2008		М			100	(1)	03/28/2015	Common Stock	100	\$0	170,003	D	
Stock Option (Right to Buy)	\$1.75	08/18/2008		М			900	(1)	03/28/2015	Common Stock	900	\$0	169,103	D	
Stock Option (Right to Buy)	\$1.75	08/19/2008		М			1,700	(1)	03/28/2015	Common Stock	1,700	\$0	167,403	D	

#### Explanation of Responses:

1. This option vested 20% on March 29, 2005 and then vested (vests) in equal installments at the end of 16 consecutive calendar quarters beginning March 31, 2005.

**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.

#### <u>/s/ Peter A. Zorn, Attorney-in-</u> <u>Fact for J. Donald deBethizy</u> 08/19/2008

\*\* Signature of Reporting Person

Date

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

 $\ast$  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.