FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D	D.C. 20549
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Check this box if no longer subject to
Section 16. Form 4 or Form 5
obligations may continue. See
Instruction 1(h)

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL									
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hours per response.	0.5								

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

1. Name and Address of Reporting Person* <u>Hicks Karen A</u>					2. Issuer Name and Ticker or Trading Symbol TARGACEPT INC [TRGT]					(Ch	5. Relationship of Reporting Person(s) to Is (Check all applicable) Director Officer (give title Other			vner	
(Last) (First) (Middle) C/O TARGACEPT, INC. 200 EAST FIRST STREET, SUITE 300					3. Date of Earliest Transaction (Month/Day/Year) 03/29/2011						X Officer (give title below) Other (specify below) VP Human Resources				
(Street) WINSTO			27101	4.	If Ame	ndment, [Date	of Original Fil	ed (Month/D	ay/Year)	Line	e) <mark>X</mark> Form f	Joint/Group Fili iled by One Re iled by More th	porting Perso	n
(City)	(S	tate)	(Zip)												
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned															
1. Title of Security (Instr. 3) 2. Transar Date (Month/Date)				Day/Year) Execution Date, if any (Month/Day/Yea		Code (Ins	on Dispose tr. 5)	rities Acquired (A) or (D) (A) or (D)		Securitie Beneficia Owned F Reported Transact	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)		7. Nature of Indirect Beneficial Ownership (Instr. 4)		
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)		ansaction of ode (Instr. Derivative		6. Date Exercisable and Expiration Date (Month/Day/Year) 7. Title and Am of Securities Underlying Derivative Section (Instr. 3 and 4)		ies g Security	8. Price of Derivative Security (Instr. 5)	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)	\$26.05	03/29/2011		A		30,500		(1)	03/28/2021	Common Stock	30,500	\$0	30,500	D	

Explanation of Responses:

1. This option vests in equal installments on the last day of 16 consecutive calendar quarters beginning with March 31, 2011.

Remarks:

The corporate action for this option was taken on March 8, 2011.

/s/ Peter A. Zorn, Attorney-in-03/31/2011 Fact for Karen A. Hicks

** 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 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.