SEC Form 4	
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## FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB APPROVAL

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	Check this box if no longer subject to Section 16. Form 4 or Form 5	STATEMENT OF CHANGES
U	Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).	Filed pursuant to Section 16(a) of

## IN BENEFICIAL OWNERSHIP

the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB Number:	3235-0287
Estimated average b	urden
hours per response:	0.5

1. Name and Address of Reporting Person <sup>*</sup> Caldwell William S			2. Issuer Name <b>and</b> Ticker or Trading Symbol <u>TARGACEPT INC</u> [ TRGT ]		tionship of Reporting Per all applicable) Director	rson(s) to Issuer
(Last) (First) (Middle) C/O TARGACEPT, INC. 200 EAST FIRST STREET, SUITE 300		· · /	3. Date of Earliest Transaction (Month/Day/Year) 12/13/2010	x	Officer (give title below) SVP - Drug Discov	Other (specify below)
(Street) WINSTON- SALEM	NC	27101	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Indiv Line) X	idual or Joint/Group Filin Form filed by One Rep Form filed by More tha Person	orting 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)	3. Transa Code ( 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)       Amount     (A) or (D)       Price		5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	of Indirect	
			Code	v			Transaction(s) (Instr. 3 and 4)			
Common Stock	12/13/2010		М		12,000	A	\$1.75	19,735	D	
Common Stock	12/13/2010		S		12,000	D	\$23.9481 <sup>(1)</sup>	7,735	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	umber vative urities uired or oosed o) (Instr. and 5)	Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		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)	\$1.75	12/13/2010		М			12,000	(2)	03/28/2015	Common Stock	12,000	\$0	0	D	

Explanation of Responses:

1. The price reported is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$23.76 to \$24.00, inclusive. The reporting person undertakes to provide to the issuer, any security holder of the issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth in this footnote

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

**Remarks:** 

/s/ Peter A. Zorn, Attorney-in-
Fact for William S. Caldwell

\*\* Signature of Reporting Person

12/14/2010

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.