FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

	MB APP	ROVAL
OMB N	umber:	3235-0287
Estimat	ed average b	ourden

0.5

hours per response:

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

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* deBethizy J Donald																5. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
depetu	<u>1Zy J Don</u>	<u>iaiu</u>														X Direct	or		10% Ov	vner	
(Last)	(F	irst)	(Middle)													X Office below	r (give title		Other (s below)	specify	
C/O TARGACEPT, INC.					3. Date of Earliest Transaction (Month/Day/Year) 02/14/2012										President and CEO						
200 EAST FIRST STREET, SUITE 300																					
					_										_						
(Street)					4. If	f Ame	ndmen	t, Date	of C	Original F	iled	(Month/D	ay/Year)		6. I		Joint/Group	Filin	g (Check Ap	plicable	
WINSTO	ON-	C	27101												- 1	,	filed by One	e Repo	orting Perso	n	
SALEM			2/101															re thar	n One Repo	rting	
(6):)			(7 :)													Perso	on				
(City)	(S	tate)	(Zip)																		
		Tab	le I - Non	-Deriv	ative	e Se	curiti	es Ao	cqu	ired, C	Disp	osed (of, or E	ene	ficial	ly Owne	d				
Date				. Transaction			2A. Deemed Execution Date					rities Acquired (A) ed Of (D) (Instr. 3, 4			5. Amo			Ownership orm: Direct O) or Indirect) (Instr. 4)	7. Nature of Indirect Beneficial Ownership		
				lonth/Day/Year)		if any (Month/Day/Yea		Code (Instr. 5)			ised Of (D) (Illisti. 3,			Benefic	ially (D)						
									αι,	 			(A) or D			Report	ed	(1) (111		(Instr. 4)	
										Code V		Amount (D)		0.	Price	(Instr. 3	and 4)				
Common Stock 02/14/					1/2012	/2012				M		798 A		A	\$ <mark>5.1</mark>		798		D		
		Т	able II - I	Derivat	ive S	Seci	ırities	· Δco	ir	ed Di	sno	sed of	or Be	nefi	rially	Owned			<u> </u>		
		•		e.g., p												Omica					
1. Title of	2.	3. Transaction	3A. Deeme		4.			ımber		Date Exer		ole and	7. Title			8. Price of	9. Number	of	10.	11. Nature	
Derivative Security	Conversion or Exercise	Date (Month/Day/Year)	Execution if any		Transa Code (i					oiration D onth/Day/)	Amount of Securities			Derivative Security	derivative Securities		Ownership Form:	of Indirect Beneficial	
(Instr. 3)	Price of Derivative		(Month/Day	//Year) 8	8)								Underly Derivati		curity	(Instr. 5)	Beneficially Owned		Direct (D) or Indirect	Ownership (Instr. 4)	
	Security						(A) or Disposed		(Instr. 3 and 4)							Following Reported		(I) (Instr. 4)	'		
						of (D) (Instr. 3, 4											Transaction(s) (Instr. 4)				
							and 5)										(
														An or	nount						
									Dat	· P	FY	piration			mber						
				- (Code	v	(A)	(D)		ercisable	Da		Title		ares						
Stock Option													Commo	, ,					_		
(Right to	\$5.1	02/14/2012			M			798	02/	/15/2002	02	/14/2012	Stock	7	798	\$0	0		D		

Explanation of Responses:

Remarks:

/s/ Peter A. Zorn, Attorney-in-Fact for J. Donald deBethizy 02/16/2012

** 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.