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

FORM 8-K

**CURRENT REPORT
Pursuant to Section 13 or 15(d)
of the Securities Exchange Act of 1934**

Date of Report (Date of earliest event reported): October 9, 2014 (October 8, 2014)

TARGACEPT, INC.

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction
of incorporation)

000-51173
(Commission
File Number)

56-2020050
(IRS Employer
Identification No.)

**100 North Main Street, Suite 1510
Winston-Salem, North Carolina**
(Address of principal executive offices)

27101
(Zip Code)

(336) 480-2100
Registrant's telephone number, including area code

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
 - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
 - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
 - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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Item 1.02 Termination of a Material Definitive Agreement.

On October 8, 2014, AstraZeneca AB terminated its Collaborative Research and License Agreement with Targacept, Inc., dated December 27, 2005, as amended. By the terms of the collaboration agreement, the termination becomes effective 90 days after October 8, 2014.

When termination of the collaboration agreement becomes effective, all remaining rights and licenses to compounds granted by Targacept under the collaboration agreement to AstraZeneca will terminate and revert to Targacept, including the rights and license relating to compound AZD1446 (also known as TC-6683).

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Date: October 9, 2014

TARGACEPT, INC.

/s/ Patrick C. Rock

Patrick C. Rock

Senior Vice President, General Counsel and Secretary