

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

FORM 8-K

**CURRENT REPORT
PURSUANT TO SECTION 13 OR 15(D) OF THE
THE SECURITIES EXCHANGE ACT OF 1934**

Date of report (Date of earliest event reported): May 29, 2008

ALEXION PHARMACEUTICALS, INC.

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation or organization)

000-27756
(Commission
File Number)

13-3648318
(I.R.S. Employer
Identification No.)

352 Knottter Drive, Cheshire, Connecticut 06410
(Address of Principal Executive Offices) (Zip Code)

Registrant's telephone number, including area code: (203) 272-2596

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 (*see* General Instruction A.2. below):

- 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))

Item 8.01 Other Events.

As previously reported by Alexion Pharmaceuticals, Inc., SB2, Inc. filed a civil action against Alexion on January 31, 2008 in the U.S. District Court for the Northern District of California alleging willful infringement by Alexion of SB2 patents due to sales of Soliris. Alexion believes it has good and valid defenses against SB2's claims, which it presented to SB2.

On May 29, 2008, SB2 voluntarily dismissed the action without prejudice, meaning the action may be re-filed. Alexion remains prepared to vigorously defend against any such claims if SB2 chooses to re-file.

Signature

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.

ALEXION PHARMACEUTICALS, INC.

Date: June 3, 2008

By: /s/ Thomas I. H. Dubin
Name: Thomas I. H. Dubin
Title: Senior Vice President and General Counsel