ALEXION PHARMACEUTICALS INC Form SC 13G/A February 14, 2005

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No. 1)*

ALEXION PHARMACEUTICALS, INC.

(Name of Issuer)

COMMON STOCK

(Title of Class of Securities)

015351109

(CUSIP Number)

DECEMBER 31, 2004

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- ý Rule 13d-1(b)
- o Rule 13d-1(c)
- o Rule 13d-1(d)

*The remainder of this cover page shall be filled out for a reporting person s initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be filed for the purpose of Section 18 of the Securities Exchange Act of 1934 (Act) or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 015351109

| 1. | Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only) Sectoral Asset Management Inc. | | | |
|---------------------|---|---------------------|---------------------------------|--|
| 2. | Check the Appropriate Box if a Member of a Group (See Instructions) | | | |
| | (a) | 0 | | |
| | (b) | 0 | | |
| 3. | SEC Use Only | | | |
| 4. | Citizenship or Place of Organization Canada | | | |
| | 5. | | Sole Voting Power 82,895 | |
| Number of Shares | 6. | | Shared Voting Power | |
| Beneficially | | | -0- | |
| Owned by Each | 7. | | Sole Dispositive Power | |
| Reporting | | | 1,917,692 | |
| Person With | 8. | | Shared Dispesitive Dower | |
| | δ. | | Shared Dispositive Power -0- | |
| 9. | Aggregate Amount Beneficially Owned by Each Reporting Person 1,917,692 | | | |
| 10. | Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) o | | | |
| 11. | Percent of Class Represented b | v Amount in Row (9) | | |
| 11. | Percent of Class Represented by Amount in Row (9) 6.9% | | | |
| 12. | Type of Reporting Person (See Instructions) IA | | | |
| | | | | |

| 1. | Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only) Jérôme G. Pfund | | | |
|--------------|--|---|--------------------------|--|
| 2. | Check the Appropri | Check the Appropriate Box if a Member of a Group (See Instructions) | | |
| | (a) | 0 | | |
| | (b) | 0 | | |
| 3. | SEC Use Only | | | |
| 4. | Citizenship or Place of Organization Swiss | | | |
| | 5. | | Sole Voting Power | |
| Number of | | | 82,895 | |
| Shares | 6. | | Shared Voting Power | |
| Beneficially | 0. | | -0- | |
| Owned by | | | - | |
| Each | 7. | | Sole Dispositive Power | |
| Reporting | | | 1,917,692 | |
| Person With | | | | |
| | 8. | | Shared Dispositive Power | |
| | | | -0- | |
| 9. | Aggregate Amount Beneficially Owned by Each Reporting Person 1,917,692 | | | |
| 10. | Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) 0 | | | |
| 11. | Percent of Class Represented by Amount in Row (9) 6.9% | | | |
| 12. | Type of Reporting F IN | Person (See Instructions) | | |
| | | | | |

| 1. | Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only) Michael L. Sjöström | | | | |
|--------------------------|--|---|---|--|--|
| 2. | Check the Appropri | Check the Appropriate Box if a Member of a Group (See Instructions) | | | |
| | (a) | 0 | | | |
| | (b) | 0 | | | |
| 3. | SEC Use Only | | | | |
| 4. | Citizenship or Place of Organization Swiss | | | | |
| | 5. | | Sole Voting Power | | |
| | | | 82,895 | | |
| Number of | · | | | | |
| Shares | 6. | | Shared Voting Power | | |
| Beneficially Owned by | | | -0- | | |
| Each | 7. | | Sole Dispositive Power | | |
| Reporting | 7. | | 1,917,692 | | |
| Person With | | | -,, -, ,, ,, -, - | | |
| | 8. | | Shared Dispositive Power | | |
| | | | -0- | | |
| | | | | | |
| 9. | Aggregate Amount Beneficially Owned by Each Reporting Person | | | | |
| | 1,917,692 | | | | |
| 10. | | | | | |
| 10. | Check if the Aggreg | gate Amount in Row (9) E | xcludes Certain Shares (See Instructions) 0 | | |
| | | | | | |
| 11. | Percent of Class Re | epresented by Amount in R | Row (9) | | |
| | 6.9% | | | | |
| | | | | | |
| 12. | | Person (See Instructions) | | | |
| | IN | | | | |
| | | | | | |

| Item 1. | | | |
|---------|------------------------|---|---|
| | (a) | Name of Issuer | |
| | | Alexion Pharmaceuticals, Inc. | |
| | (b) | Address of Issuer s Principal 352 Knotter Drive, Cheshire | |
| | | 552 Knotter Drive, Cheshire | C1 00410 USA |
| Item 2. | | | |
| | (a) | Name of Person Filing | |
| | | Sectoral Asset Management In | nc. |
| | | Jérôme G. Pfund | |
| | | | |
| | | Michael L. Sjöström | |
| | (b) | Address of Principal Business | |
| | | The principal business address | s of each person filing is: |
| | | 2120-1000 Sherbrooke St. We | est Montreal PQ H3A 3G4 Canada |
| | (c) | Citizenship | |
| | | Sectoral Asset Management In | nc. is a Canadian corporation |
| | | Jérôme G. Pfund is a Swiss ci | tizen |
| | | Michael L. Sjöström is a Swis | s citizen |
| | (d) | Title of Class of Securities | |
| | | Common Stock | |
| | (e) | CUSIP Number | |
| | | 015351109 | |
| Item 3. | If this statement is f | iled pursuant to §§240.13d-1(| b) or 240.13d-2(b) or (c), check whether the person filing is a: |
| | (a) | 0 | Broker or dealer registered under section 15 of the Act (15 U.S.C. |
| | | | |
| | (b) | 0 | Bank as defined in section $3(a)(6)$ of the Act (15 U.S.C. 78c). Insurance company as defined in section $3(a)(19)$ of the Act (15 |
| | (c) | 0 | U.S.C. 78c). |
| | (d) | 0 | Investment company registered under section 8 of the Investment |
| | (2) | 4 | Company Act of 1940 (15 U.S.C 80a-8). An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E); |
| | (e) (f) | ý o | An investment adviser in accordance with $9240.130-1(0)(1)(1)(E)$, An employee benefit plan or endowment fund in accordance with |
| | (-) | | \$240.13d-1(b)(1)(ii)(F); |
| | (g) | ý | A parent holding company or control person in accordance with |
| | | | § 240.13d-1(b)(1)(ii)(G);A savings associations as defined in Section 3(b) of the Federal |
| | (h) | 0 | Deposit Insurance Act (12 U.S.C. 1813); |
| | (i) | 0 | A church plan that is excluded from the definition of an investment |
| | | | company under section $3(c)(14)$ of the Investment Company Act of |
| | | | 1940 (15 U.S.C. 80a-3); |
| | (j) | 0 | Group, in accordance with §240.13d-1(b)(1)(ii)(J). |
| | | | |
| | | 5 | i de la construcción de la constru |

Item 4. Ownership

| Item 4. | Ownership | | |
|---|-----------|---|---|
| | - | Sectoral Asset Management dispose of or vote the numbe Jérôme G. Pfund and Michae Inc. Sectoral Asset Manager ownership of the Issuer s co Amount beneficially owned: Sectoral Asset Management Jérôme G. Pfund: 1,917,692 Michael L. Sjöström: 1,917, Percent of class: Sectoral Asset Management Jérôme G. Pfund: 6.9% | Inc.: 1,917,692 shares 2 shares 692 shares |
| (c) Michael L. Sjöström: 6.9% Number of shares as to which the person has: | | h the person has: | |
| | | (i) | Sole power to vote or to direct the vote Sectoral Asset Management Inc.: 82,895 shares Jérôme G. Pfund: 82,895 shares Michael L. Sjöström: 82,895 shares |
| | | (ii) | Shared power to vote or to direct the vote Not applicable. |
| | | (iii) | Sole power to dispose or to direct the disposition of Sectoral Asset Management Inc.: 1,917,692 shares Jérôme G. Pfund: 1,917,692 shares |
| | | (iv) | Michael L. Sjöström: 1,917,692 shares Shared power to dispose or to direct the disposition of Not applicable. |
| Item 5. | - | Percent or Less of a Class ing filed to report the fact that a | as of the date hereof the reporting person has ceased to be the beneficial |

6

owner of more than five percent of the class of securities, check the following o.

| Item 6. | Ownership of More than Five Percent on Behalf of Another Person Various persons, as investment advisory clients of Sectoral Asset Management, Inc., have the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, the common stock of the Issuer. To the knowledge of Sectoral Asset Management, Inc., no one such person s interest in the common stock of the Issuer is more than five percent of the total outstanding common stock of the Issuer. |
|----------|---|
| Item 7. | Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Control Person Not applicable. |
| Item 8. | Identification and Classification of Members of the Group Not applicable. |
| Item 9. | Notice of Dissolution of Group Not applicable. |
| Item 10. | Certification By signing below the undersigned each certifies that, to the best knowledge and belief of the undersigned, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect. |

Signature

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

| Dated: January 28, 2005 | SECTORAL ASSET MANAGEMENT INC. |
|-------------------------|---|
| | /s/Jérôme G. Pfund By: Jérôme G. Pfund Its: CEO |
| Dated: January 28, 2005 | /s/Jérôme G. Pfund Jérôme G. Pfund |
| Dated: January 28, 2005 | /s/Michael L. Sjöström Michael L. Sjöström |
| | 0 |

Exhibit A

AGREEMENT

Each of the undersigned, pursuant to Rule 13d-1(k)(1) under the Securities Exchange Act of 1934, as amended, hereby agrees that only one statement containing the information required by Schedule 13G needs be filed with respect to the ownership by each of the undersigned of the shares of common stock of Alexion Pharmaceuticals, Inc., and that the Schedule 13G to which this Agreement is appended as <u>Exhibit A</u> is to be filed with the Securities and Exchange Commission on behalf of each of the undersigned on or about the date hereof.

EXECUTED as a sealed instrument this 28th day of January, 2005.

SECTORAL ASSET MANAGEMENT INC.

/s/Jérôme G. Pfund By: Jérôme G. Pfund Its: CEO

/s/Jérôme G. Pfund Jérôme G. Pfund

/s/Michael L. Sjöström Michael L. Sjöström