ALEXION PHARMACEUTICALS INC
Form SC 13G/A
February 14, 2012

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 30, 2011
(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:
[X] Rule 13d-1(b)
[ ] Rule 13d-1(c)
[ ] 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).

1 NAMES OF REPORTING PERSONS
I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)
Capital Research Global Investors **

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a)

(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	5 SOLE VOTING POWER	13,328,122
	6 SHARED VOTING POWER	NONE
	7 SOLE DISPOSITIVE POWER	13,328,122
	8 SHARED DISPOSITIVE POWER	NONE

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

13,328,122 Beneficial ownership disclaimed pursuant to Rule 13d-4

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

7.2%

12 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

IA

** A division of Capital Research and Management Company (CRMC)

Washington, DC 20549

Schedule 13G
Under the Securities Exchange Act of 1934

Amendment No. 1

Item 1(a) Name of Issuer:
Alexion Pharmaceuticals, Inc.

Item 1(b) Address of Issuer's Principal Executive Offices:
352 Knotter Drive
Cheshire, CT 06410

Item 2(a) Name of Person(s) Filing:
Capital Research Global Investors

Item 2(b) Address of Principal Business Office or, if none, Residence:
333 South Hope Street
Los Angeles, CA 90071

Item 2(c) Citizenship: N/A

Item 2(d) Title of Class of Securities:
Common Stock

Item 2(e) CUSIP Number:
015351109

Item 3 If this statement is filed pursuant to sections 240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:
(e) [X] An investment adviser in accordance with section 240.13d-1(b)(1)(ii)(E).

Item 4 Ownership

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

(a) Amount beneficially owned:
(b) Percent of class:
(c) Number of shares as to which the person has:
(i) Sole power to vote or to direct the vote:
(ii) Shared power to vote or to direct the vote:
(iii) Sole power to dispose or to direct the disposition of:
(iv) Shared power to dispose or to direct the disposition of:

See page 2

Capital Research Global Investors is deemed to be the beneficial owner of 13,328,122 shares or 7.2% of the 185,147,112 shares believed to be outstanding as a result of CRMC acting as investment adviser to various investment companies registered under Section 8 of the Investment Company Act of 1940.

Item 5 Ownership of Five Percent or Less of a Class. If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following: [ ]

Item 6 Ownership of More than Five Percent on Behalf of Another Person: N/A

Item 7 Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Control Person: N/A

Item 8 Identification and Classification of Members of the Group: N/A

Item 9 Notice of Dissolution of Group: N/A

Item 10 Certification

By signing below, I certify that, to the best of my knowledge and belief, 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.

Date: February 6, 2012

Signature: Timothy D. Armour***
Name/Title: Timothy D. Armour - Senior Vice President
Capital Research Global Investors

***By /s/ Herbert Y. Poon
Herbert Y. Poon
Attorney-in-fact

Signed pursuant to a Power of Attorney dated December 29, 2010 included as an Exhibit to Schedule 13G filed with the Securities and Exchange Commission by Capital Research Global Investors on January 10, 2011 with respect to Portfolio Recovery Associates, Inc.