Form SC 13G/A February 09, 2007 CUSIP NO. 00724X102 PAGE 1 OF 13 13G UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 SCHEDULE 13G Under the Securities Exchange Act of 1934 (Amendment No. 5)\* **Adolor Corporation** (Name of Issuer) Common Stock, par value \$0.0001 (Title of Class of Securities) 00724X102 (CUSIP Number)

ADOLOR CORP

January 31, 2007

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

(Date of Event Which Requires Filing of this Statement)

| x 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. 00724X102 13G PAGE 2 OF 13 NAMES OF REPORTING PERSONS. 1. I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY). Franklin Resources, Inc. (13-2670991) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP 2. (a) (b) X 3. SEC USE ONLY CITIZENSHIP OR PLACE OF ORGANIZATION 4. Delaware NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH: 5. **SOLE VOTING POWER** (See Item 4) SHARED VOTING POWER 6.

0

(See Item 4)

7.

8.

SHARED DISPOSITIVE POWER

SOLE DISPOSITIVE POWER

0

| 9.  | AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON       |
|-----|--|
|     | 4,788,070  |
| 10. | CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES o |
| 11. | PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)                  |
|     | 10.4%  |
| 12. | TYPE OF REPORTING PERSON   |
|     | HC (See Item 4)  |

| CUSIP NO. 00724X102       | 13G           | PAGE 3 OF 13  |
|---------------------------|---------------|---|
| 1.                        |               | ORTING PERSONS.<br>ATION NOS. OF ABOVE PERSONS (ENTITIES ONLY). |
|                           |               | Charles B. Johnson  |
| 2.                        | СНЕСК Т       | THE APPROPRIATE BOX IF A MEMBER OF A GROUP                      |
|                           | (b)           | (a) X   |
| 3.                        |               | SEC USE ONLY  |
| 4.                        |               | CITIZENSHIP OR PLACE OF ORGANIZATION                            |
|                           |               | USA   |
| NUMBER OF SHARES BENEFICE | ALLY OWNED BY | EACH REPORTING PERSON WITH:                                     |
|                           | 5.            | SOLE VOTING POWER   |
|                           |               | (See Item 4)  |
|                           | 6.            | SHARED VOTING POWER   |
|                           |               | 0   |
|                           | 7.            | SOLE DISPOSITIVE POWER  |

(See Item 4)

8.

SHARED DISPOSITIVE POWER

| 9.  | AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON       |
|-----|--|
|     | 4,788,070  |
| 10. | CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES o |
| 11. | PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)                  |
|     | 10.4%  |
| 12. | TYPE OF REPORTING PERSON   |
|     | HC (See Item 4)  |

PAGE 4 OF 13

13G

CUSIP NO. 00724X102

| 1.                        | NAMES OF REPO<br>I.R.S. IDENTIFICA               |                   | BOVE PERSONS (ENTITIES ONLY). |
|---------------------------|--|-------------------|-------------------------------|
|                           |  | Rupert H. Johnson | ı, Jr.                        |
| 2.                        | CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP |                   |                               |
|                           | (b)  | (a)               | X                             |
| 3.                        |  | SEC USE ONLY      |                               |
| 4.                        |  | CITIZENSHIP OR    | PLACE OF ORGANIZATION         |
|                           |  | USA               |                               |
| NUMBER OF SHARES BENEFICE | ALLY OWNED BY                                    | EACH REPORTIN     | G PERSON WITH:                |
|                           | 5.   |                   | SOLE VOTING POWER             |
|                           |  | (See Item 4)      |                               |
|                           | 6.   |                   | SHARED VOTING POWER           |
|                           |  | 0                 |                               |
|                           | 7.   |                   | SOLE DISPOSITIVE POWER        |
|                           |  | (See Item 4)      |                               |
|                           | 8.   |                   | SHARED DISPOSITIVE POWER      |

| 9.  | AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON       |
|-----|--|
|     | 4,788,070  |
| 10. | CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES o |
| 11. | PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)                  |
|     | 10.4%  |
| 12. | TYPE OF REPORTING PERSON   |
|     | HC (See Item 4)  |

PAGE 5 OF 13

13G

CUSIP NO. 00724X102

| COSM 1.0. 0072 111102     | 100           |                                   |                               |
|---------------------------|---------------|-----------------------------------|-------------------------------|
| 1.                        |               | ORTING PERSONS<br>ATION NOS. OF A | BOVE PERSONS (ENTITIES ONLY). |
|                           |               | Franklin Advisers                 | , Inc.                        |
| 2.                        | СНЕСК Т       | THE APPROPRIAT                    | E BOX IF A MEMBER OF A GROUP  |
|                           | (b)           | (a)                               | X                             |
| 3.                        |               | SEC USE ONLY                      |                               |
| 4.                        |               | CITIZENSHIP OR                    | R PLACE OF ORGANIZATION       |
|                           |               | California                        |                               |
| NUMBER OF SHARES BENEFICE | ALLY OWNED BY | EACH REPORTIN                     | NG PERSON WITH:               |
|                           | 5.            |                                   | SOLE VOTING POWER             |
|                           |               | 4,638,670 (See Ite                | em 4)                         |
|                           | 6.            |                                   | SHARED VOTING POWER           |
|                           |               | 0                                 |                               |
|                           | 7.            |                                   | SOLE DISPOSITIVE POWER        |
|                           |               | 4,688,070 (See Ite                | em 4)                         |
|                           | 8.            |                                   | SHARED DISPOSITIVE POWER      |

| 9.  | AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON                      |
|-----|---|
|     | 4,688,070   |
| 10. | CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES $\boldsymbol{o}$ |
| 11. | PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)                                 |
|     | 10.2%   |
| 12. | TYPE OF REPORTING PERSON  |
|     | IA  |

PAGE 6 OF 13

13G

CUSIP NO. 00724X102

| Item 1.                                  |                       |   |
|--|-----------------------|---|
| (a) Name of Issuer                       |                       |   |
|  |                       |   |
|  |                       | Adolor Corporation  |
| (b) Address of Issuer's Principal Execu  | tive Offices          |   |
|  |                       | 700 Pennsylvania Drive<br>Exton, PA 19341   |
| Item 2. (a) Name of Person Filing        |                       |   |
|  | (i):                  | Franklin Resources, Inc. (ii): Charles B. Johnson (iii): Rupert H. Johnson, Jr. (iv): Franklin Advisers, Inc. |
| (b) Address of Principal Business Office | ce or, if none, Resid | ence  |
|  |                       | (i), (ii), (iii),and (iv):<br>One Franklin Parkway<br>San Mateo, CA 94403-1906                                |
| (c) Citizenship                          |                       |   |
|  |                       | (i): Delaware<br>(ii) and (iii): USA<br>(iv): California  |
| (d) Title of Class of Securities         |                       |   |

Common Stock, par value \$0.0001

(e) CUSIP Number

00724X102

CUSIP NO. 00724X102 13G PAGE 7 OF 13

Item 3. If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

- (a) o Broker or dealer registered under section 15 of the Act (15 U.S.C. 780).
- (b) o Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c).
- (c) o Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c).
- (d) o Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8).
- (e) x An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E);
- (f) o An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F);
- (g) x A parent holding company or control person in accordance with §240.13d-1(b)(1)(ii)(G);
- (h) o A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i) o 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) o Group, in accordance with §240.13d-1(b)(1)(ii)(J).

#### Item 4. Ownership

The securities reported herein (the Securities ) are beneficially owned by one or more open- or closed-end investment companies or other managed accounts that are investment management clients of investment managers that are direct and indirect subsidiaries (each, an Investment Management Subsidiary and, collectively, the Investment Management Subsidiaries ) of Franklin Resources, Inc. (FRI), including the Investment Management Subsidiaries listed in Item 7. Investment management contracts grant to the Investment Management Subsidiaries all investment and/or voting power over the securities owned by such investment management clients, unless otherwise noted in this Item 4. Therefore, for purposes of Rule 13d-3 under the Act, the Investment Management Subsidiaries may be deemed to be the beneficial owners of the Securities.

Beneficial ownership by investment management subsidiaries and other affiliates of FRI is being reported in conformity with the guidelines articulated by the SEC staff in Release No. 34-39538 (January 12, 1998) relating to organizations, such as FRI, where related entities exercise voting and investment powers over the securities being reported independently from each other. The voting and investment powers held by Franklin Mutual Advisers, LLC (FMA), an indirect wholly-owned Investment Management Subsidiary, are exercised independently from FRI and from all other Investment Management Subsidiaries (FRI, its affiliates and the Investment Management Subsidiaries other than FMA are collectively, FRI affiliates). Furthermore, internal policies and procedures of FMA and FRI establish informational barriers that prevent the flow between FMA and the FRI affiliates of information that relates to the voting and investment powers over the securities owned by their respective investment management clients. Consequently, FMA and the FRI affiliates report the securities over which they hold investment and voting power separately from each other for purposes of Section 13 of the Act.

Charles B. Johnson and Rupert H. Johnson, Jr. (the Principal Shareholders) each own in excess of 10% of the outstanding common stock of FRI and are the principal stockholders of FRI. FRI and the Principal Shareholders may be deemed to be, for purposes of Rule 13d-3 under the Act, the beneficial owners of securities held by persons and entities for whom or for which FRI subsidiaries provide investment management services. The number of shares that may be deemed to be beneficially owned and the percentage of the class of which such shares are a part are reported in Items 9 and 11 of the cover pages for FRI and each of the Principal Shareholders. FRI, the Principal Shareholders and each of the Investment Management Subsidiaries disclaim any pecuniary interest in any of the Securities. In addition, the filing of this Schedule 13G on behalf of the Principal Shareholders, FRI and FRI affiliates, as

CUSIP NO. 00724X102 13G PAGE 8 OF 13

applicable, should not be construed as an admission that any of them is, and each disclaims that it is, the beneficial owner, as defined in Rule 13d-3, of any of the Securities.

FRI, the Principal Shareholders, and each of the Investment Management Subsidiaries believe that they are not a group—within the meaning of Rule 13d-5 under the Act and that they are not otherwise required to attribute to each other the beneficial ownership of the Securities held by any of them or by any persons or entities for whom or for which FRI subsidiaries provide investment management services.

(a) Amount beneficially owned:

4,788,070

(b) Percent of class:

10.4%

- (c) Number of shares as to which the person has:
- (i) Sole power to vote or to direct the vote

Franklin Resources, Inc.: 0
Charles B. Johnson: 0
Rupert H. Johnson, Jr.: 0

Franklin Advisers, Inc.: 4,638,670 Franklin Templeton Portfolio Advisors, Inc.<sup>[1]</sup>: 100,000

(ii) Shared power to vote or to direct the vote

0

(iii) Sole power to dispose or to direct the disposition of

Franklin Resources, Inc.: 0
Charles B. Johnson: 0
Rupert H. Johnson, Jr.: 0

Franklin Advisers, Inc.: 4,688,070 Franklin Templeton Portfolio Advisors, Inc.: 100,000

(iv) Shared power to dispose or to direct the disposition of

0

#### 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 [].

#### Not Applicable

Item 6. Ownership of More than Five Percent on Behalf of Another Person

\_\_\_\_\_

Franklin Templeton Portfolio Advisors, Inc. (FTPA) may beneficially own these securities pursuant to various separately managed account investment management arrangements. Under these arrangements, underlying clients may, from time to time, delegate to FTPA the power to vote such securities, in which case FTPA has sole voting power. To the extent that the underlying client retains voting power over any securities, FTPA disclaims any power to vote or direct the vote of such securities.

PAGE 9 OF 13

13G

CUSIP NO. 00724X102

The clients of the Investment Management Subsidiaries, including investment companies registered under the Investment Company Act of 1940 and other managed accounts, have the right to receive or power to direct the receipt of dividends from, as well as the proceeds from the sale of, such securities reported on in this statement. Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company See Attached Exhibit C (See also Item 4) Item 8. Identification and Classification of Members of the Group Not Applicable (See also Item 4) Item 9. Notice of Dissolution of Group Not Applicable

| CUSIP NO. 00724X102  | 13G                                 | PAGE 10 OF 13  |
|--|-------------------------------------|--|
| Item 10. Certification   |                                     |  |
| iciii 10. Certification  |                                     |  |
| and are held in the ordinary course of   | business and we control of the issu | rledge and belief, the securities referred to above were acquired are not acquired and are not held for the purpose of or with the ner of the securities and were not acquired and are not held in aving that purpose or effect. |
| This report shall not be construed as a any securities covered by this report. | an admission by t                   | he persons filing the report that they are the beneficial owner of   |
| SIGNATURE  |                                     |  |
| After reasonable inquiry and to the be statement is true, complete and correct |                                     | lge and belief, I certify that the information set forth in this   |
| Dated: February 16, 2007   |                                     |  |
| Franklin Resources, Inc.   |                                     |  |
| Charles B. Johnson   |                                     |  |
| Rupert H. Johnson, Jr.   |                                     |  |
| Franklin Advisers, Inc.  |                                     |  |
|  |                                     |  |
| By: /s/BARBARA J. GREEN  |                                     |  |

Barbara J. Green Vice President, Deputy General Counsel, and Secretary of Franklin Resources, Inc.

Attorney-in-Fact for Charles B. Johnson pursuant to Power of Attorney attached to this Schedule 13G

Attorney-in-Fact for Rupert H. Johnson, Jr. pursuant to Power of Attorney attached to this Schedule 13G

Secretary of Franklin Advisers, Inc.

| CUSIP NO. 00724X102   | 13G                                     | PAGE 11 OF 13                                    |
|---|---|--|
| EXHIBIT A   |   |  |
| JOINT FILING AGREEMENT  |   |  |
| In accordance with Rule 13d-1(k) unde agree to the joint filing with each other statement and that such statement and a | of the attached statement on Schedule   | 13G and to all amendments to such                |
| IN WITNESS WHEREOF, the undersi   | gned have executed this agreement on    |  |
| February 16, 2007.  |   |  |
| Franklin Resources, Inc.  |   |  |
| Charles B. Johnson  |   |  |
| Rupert H. Johnson, Jr.  |   |  |
| Franklin Advisers, Inc.   |   |  |
|   |   |  |
| By: /s/BARBARA J. GREEN   |   |  |
|   |   | puty General Counsel,<br>ranklin Resources, Inc. |
| Attorney-in-Fact for Charles B. Johnso  | n pursuant to Power of Attorney attach  | ed to this Schedule 13G                          |
| Attorney-in-Fact for Rupert H. Johnson  | , Jr. pursuant to Power of Attorney att | ached to this Schedule 13G                       |

Secretary of Franklin Advisers, Inc.

| Charles B. Johnson  |  | /s/Charles B. Johnson   |
|---|--|---|
| Date: 9-11-03   |  | /s/Charles B. Johnson   |
| execute and file with the Securities a<br>any related documentation which ma<br>officer, director or shareholder of Fra<br>power and authority to do and perfor | and Exchange Com<br>by be required to be<br>anklin Resources, I<br>cm each and every | A J. GREEN his true and lawful attorney-in-fact and agent to amission any Schedule 13G or 13D, any amendments thereto de filed in his individual capacity as a result of his position as a Inc. and, granting unto said attorney-in-fact and agent, full act and thing which he might or could do in person, hereby agent, may lawfully do or cause to be done by virtue hereof |
| POWER OF ATTORNEY   |  |   |
| EXHIBIT B   |  |   |
| CUSIP NO. 00724X102   | 13G  | PAGE 12 OF 13   |

POWER OF ATTORNEY