

---

---

**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): November 20, 2018

---

**KemPharm, Inc.**

(Exact Name of Registrant as Specified in Its Charter)

---

**Delaware**  
(State or Other Jurisdiction of Incorporation)

**001-36913**  
(Commission File Number)

**20-5894398**  
(IRS Employer Identification No.)

**1180 Celebration Boulevard, Suite 103,**  
**Celebration, FL**  
(Address of Principal Executive Offices)

**34747**  
(Zip Code)

Registrant's Telephone Number, Including Area Code: (321) 939-3416

(Former Name or Former Address, if Changed Since Last Report)

---

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 Instructions 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))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§ 230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§ 240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

---

**Item 1.01 Entry into a Material Definitive Agreement.**

On November 20, 2018, KemPharm, Inc. (the “Company”) entered into a First Supplemental Indenture (the “Supplemental Indenture”) with U.S. Bank National Association, as trustee (the “Trustee”), to that certain Indenture, dated as of February 9, 2016 (the “Indenture”), relating to the Company’s 5.50% Senior Convertible Notes due 2021 (the “Notes”). Pursuant to the Supplemental Indenture, the Indenture was amended to allow each Holder (as defined in the Indenture) or any beneficial holder of any Notes to, at its option, elect a limit on beneficial ownership as to such Holder or beneficial owner (but not as to any other Holder or beneficial owner) that is less than or equal to the 9.985% Cap (as defined in the Indenture) or any other limit previously elected and then applicable to such Holder or beneficial owner upon written notice delivered to the Company at least three (3) business days prior to the date of effectiveness of such beneficial ownership limit (or such shorter period as may be agreed upon by the Company), specifying the percentage of shares of the Company’s common stock outstanding for the beneficial ownership limit that shall apply to such Holder or beneficial owner. The Company previously filed the Indenture as an exhibit to its Current Report on Form 8-K filed on February 9, 2016.

The foregoing description of the Supplemental Indenture is not complete and is qualified in its entirety by reference to the Supplemental Indenture, which is filed as Exhibit 4.1 to this Current Report on Form 8-K and incorporated herein by reference.

On November 20, 2018, in connection with entering into the Supplemental Indenture, the Company entered into an amendment (the “Amendment”) with Deerfield Private Design Fund III, L.P. (“Deerfield”) to that certain Senior Secured Convertible Note (as amended, the “Deerfield Note”) and Warrant (as amended, the “Warrant”) previously issued by the Company to Deerfield. The Amendment, among other things, lowers the beneficial ownership limit under both the Deerfield Note and Warrant to 4.985% of the Company’s outstanding common stock. The Amendment also includes a notice from Deerfield that it has elected to lower the beneficial ownership limit under the Notes, as to Deerfield and its affiliates, to 4.985%. Except as modified by the Amendment, all terms and conditions of the Deerfield Note and Warrant remain in full force and effect. The foregoing description of the Amendment is not complete and is qualified in its entirety by reference to the full text of the Amendment, a copy of which is filed as Exhibit 10.1 to this Current Report on Form 8-K and is incorporated herein by reference.

**Item 9.01 Financial Statements and Exhibits.**

(d) Exhibits

<u>Exhibit No.</u>	<u>Description</u>
4.1	<a href="#"><u>Supplemental Indenture, dated November 20, 2018, between KemPharm, Inc. and U.S. Bank National Association, as trustee.</u></a>
10.1	<a href="#"><u>Amendment to Convertible Note and Warrant, dated November 20, 2018, between KemPharm, Inc. and Deerfield Private Design Fund III, L.P.</u></a>

---

**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 thereunto duly authorized.

**KemPharm, Inc.**

Date: November 20, 2018

By: /s/ R. LaDuane Clifton

R. LaDuane Clifton, CPA

Chief Financial Officer, Secretary and Treasurer

**THIS FIRST SUPPLEMENTAL INDENTURE**, dated as of November 20, 2018 (this "Supplemental Indenture"), is between **KEMPHARM, INC.**, a corporation duly organized and existing under the laws of the State of Delaware, as issuer (the "Company"), and **U.S. Bank National Association**, a national banking association organized under the laws of the United States of America, as trustee (the "Trustee"), to the Indenture, dated as of February 9, 2016 (as supplemented or otherwise modified prior to the date hereof, the "Indenture"), between the Company and the Trustee.

**RECITALS**

**WHEREAS**, the Company has heretofore executed and delivered the Indenture, pursuant to which the Company issued its 5.50% Senior Convertible Notes due 2021 (the "Notes");

**WHEREAS**, the Company desires to modify Section 13.02(k) of the Indenture in a manner that would not adversely affect the rights of any Holder; and

**WHEREAS**, Section 10.01 of the Indenture provides that the Company and the Trustee, at the Company's expense, may from time to time and at any time enter into an indenture or indentures supplemental to the Indenture to, among other things, make any change that does not adversely affect the rights of any Holder;

**WHEREAS**, in connection with the execution and delivery of this Supplemental Indenture, the Trustee has received an Officer's Certificate and an Opinion of Counsel as contemplated by Sections 10.05 and 16.05 of the Indenture; and

**WHEREAS**, the Company has requested that the Trustee execute and deliver this Supplemental Indenture and the Company has satisfied all of the requirements necessary to make this Supplemental Indenture a valid instrument in accordance with its terms.

**WITNESSETH**

**NOW, THEREFORE**, in consideration of the foregoing and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Company covenants and agrees with the Trustee as follows for the equal and ratable benefit of the Holders:

**ARTICLE 1  
DEFINITIONS**

*Section 1.01 Relation to Indenture.* This Supplemental Indenture constitutes an integral part of the Indenture.

*Section 1.02 Definition of Terms.* For all purposes of this Supplemental Indenture:

- (a) capitalized terms used herein without definition shall have the meanings set forth in the Indenture;
  - (b) a term defined anywhere in this Supplemental Indenture that is also defined in the Indenture shall have the meaning set forth in this Supplemental Indenture and shall have the same meaning throughout;
  - (c) the singular includes the plural and vice versa;
  - (d) headings are for convenience of reference only and do not affect interpretation; and
  - (e) unless otherwise specified or unless the context requires otherwise, (i) all references in this Supplemental Indenture to Sections refer to the corresponding Sections of this Supplemental Indenture and (ii) the terms "herein", "hereof", "hereunder" and any other word of similar import refer to this Supplemental Indenture.
-

**ARTICLE 2**  
**AMENDMENTS**

*Section 2.01 Amendment to Definitions.* Section 1.01 of the Indenture is hereby amended to add the following definitions in appropriate alphabetical order:

“**Cap**” and “**Caps**” shall have the meanings provided in Section 13.02(k).

*Section 2.02 Amendment to Section 13.02(k).* Section 13.02(k) of the Indenture is hereby amended in its entirety to read as follows:

“(k) The Company shall not issue to a Holder, and a Holder may not acquire, a number of shares of Common Stock upon conversion of such Holder’s Notes (including any shares of Common Stock deliverable in connection with any Interest Make-Whole payment) to the extent that, upon such conversion, the number of shares of Common Stock then beneficially owned by a Holder and its Affiliates and any other Persons or entities whose beneficial ownership of the Common Stock would be aggregated with such Holder for the purposes of Section 13(d) of the Exchange Act (including shares held by any “group” of which such Holder is a member, but excluding shares beneficially owned by virtue of the ownership of securities or rights to acquire securities that have limitations on the right to convert, exercise or purchase similar to the limitation set forth in this Section 13.02(k)) would exceed 9.985% of the total number of the shares of the Common Stock then issued and outstanding (the “**9.985% Cap**”). In addition, a Holder or any beneficial owner of any Notes, at the option of such Holder or beneficial owner, may elect a limit on beneficial ownership as to such Holder or beneficial owner (but not as to any other Holder or beneficial owner) that is less than the 9.985% Cap or any other limit previously elected and then applicable to such Holder or beneficial owner upon written notice delivered to the Company at least three (3) business days prior to the date of effectiveness of such beneficial ownership limit (or such shorter period as may be agreed upon by the Company), specifying the percentage of shares of Common Stock outstanding for the beneficial ownership limit that shall apply to such Holder or beneficial owner (such beneficial ownership limit, together with the 9.985% Cap, each, a “**Cap**,” and collectively, the “**Caps**”), in which case for purposes of such Holder or beneficial owner, such percentage shall replace “9.985%” in the immediately preceding sentence (and, in the case of a beneficial owner, the references to a Holder in such sentence shall also be deemed to refer to such beneficial owner), with the same force and effect as if originally set forth in this Indenture. Notwithstanding anything in this Section 13.02(k), the Caps shall not apply to the extent that shares of Common Stock are not deemed to constitute “equity securities” pursuant to Rule 13d-1(i) under the Exchange Act. To effectuate the purposes of this Section 13.02(k), the following provisions shall apply to Notes tendered for conversion:

(i) At such time as a Holder or beneficial owner of any Notes tenders Notes for conversion, such Holder or beneficial owner shall provide a certification to the Company as to whether the Person (or Persons) receiving shares of Common Stock upon such conversion is or would, as a result of such conversion, become a beneficial owner of shares of Common Stock outstanding at such time (based upon the latest number of shares outstanding reported in the Company’s filings with the Commission) in excess of the applicable Cap.

(ii) If any delivery of shares of Common Stock otherwise owed to any Person (or Persons) upon conversion of the Notes is not made, in whole or in part, as a result of this Section 13.02(k), the Company’s obligation to make such delivery shall not be extinguished and such Holder or beneficial owner may either:

(1) request the return of the Notes surrendered by such Holder or beneficial owner for conversion, after which the Company shall deliver such Notes to such Holder or beneficial owner within three Trading Days after receipt of such request; or

(2) certify to the Company that the Person (or Persons) receiving shares of Common Stock upon conversion is not, and would not, as a result of such conversion, become the beneficial owner of shares of Common Stock outstanding at such time in excess of the applicable Cap, after which the Company shall deliver any such shares of Common Stock withheld on account of such applicable beneficial ownership limits by the later of (i) the date such shares were otherwise due to such Person (or Persons) and (ii) three Trading Days after receipt of such certification; *provided, however*, until such time as the affected Holder or beneficial owner gives such notice, no Person shall be deemed to be the stockholder of record with respect to the shares of Common Stock otherwise deliverable upon conversion in excess of any applicable beneficial ownership limit. Upon delivery of such notice, the provisions of this Section 13.02 shall apply to the shares of Common Stock to be delivered pursuant to such notice.

A conversion inconsistent with this Section 13.02(k) (whether at the election of a Holder, a beneficial owner or the Company) will be null and void to the extent the issuance of shares of Common Stock upon such conversion would violate this limitation.”

*Section 2.03 Amendment to Section 13.07.* Section 13.07 of the Indenture is hereby amended to replace the term “9.985% Cap” with “Caps” in the single place it appears in such Section.

### **ARTICLE 3 MISCELLANEOUS**

*Section 3.01 Ratification of Indenture.* The Indenture, as supplemented by this Supplemental Indenture, is in all respects ratified and confirmed, and this Supplemental Indenture shall be deemed part of the Indenture in the manner and to the extent herein and therein provided. However, to the extent any provisions of this Supplemental Indenture conflict with the provisions of the Indenture, the provisions of this Supplemental Indenture shall govern and be controlling.

*Section 3.02 Trustee Not Responsible for Recitals.* The recitals herein contained are made by the Company and not by the Trustee, and the Trustee assumes no responsibility for the correctness thereof. The Trustee makes no representation as to the validity or sufficiency of this Supplemental Indenture. All of the provisions contained in the Indenture in respect of the rights, privileges, immunities, powers, and duties of the Trustee shall be applicable in respect of the Supplemental Indenture as fully and with like force and effect as though set forth in full herein.

*Section 3.03 Successors.* All agreements of the Company and the Trustee in this Supplemental Indenture will bind their respective successors.

*Section 3.04 Governing Law; Jurisdiction.* THIS SUPPLEMENTAL INDENTURE, AND ANY CLAIM, CONTROVERSY OR DISPUTE ARISING UNDER OR RELATED TO THIS SUPPLEMENTAL INDENTURE, SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE LAWS OF THE STATE OF NEW YORK.

The Company irrevocably consents and agrees, for the benefit of the Holders from time to time of the Notes and the Trustee, that any legal action, suit or proceeding against it with respect to obligations, liabilities or any other matter arising out of or in connection with this Supplemental Indenture may be brought in the courts of the State of New York or the courts of the United States of America located in the Borough of Manhattan, New York City, New York and, until amounts due and to become due in respect of the Notes have been paid, hereby irrevocably consents and submits to the non-exclusive jurisdiction of each such court in personam, generally and unconditionally with respect to any action, suit or proceeding for itself in respect of its properties, assets and revenues.

*Section 3.04 Waiver of Jury Trial.* EACH OF THE COMPANY AND THE TRUSTEE HEREBY IRREVOCABLY WAIVES, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, ANY AND ALL RIGHT TO TRIAL BY JURY IN ANY LEGAL PROCEEDING ARISING OUT OF OR RELATING TO THIS SUPPLEMENTAL INDENTURE OR THE TRANSACTIONS CONTEMPLATED HEREBY.

*Section 3.05 Severability.* In the event any provision of this Supplemental Indenture shall be invalid, illegal or unenforceable, then (to the extent permitted by law) the validity, legality or enforceability of the remaining provisions shall not in any way be affected or impaired.

*Section 3.06 Execution in Counterparts.* This Supplemental Indenture may be executed in any number of counterparts, each of which shall be an original, but such counterparts shall together constitute but one and the same instrument. The exchange of copies of this Supplemental Indenture and of signature pages by facsimile, PDF or other electronic transmission shall constitute effective execution and delivery of this Supplemental Indenture as to the parties hereto and may be used in lieu of the original Indenture for all purposes. Signatures of the parties hereto transmitted by facsimile, PDF or other electronic transmission shall be deemed to be their original signatures for all purposes.

*[REMAINDER OF PAGE LEFT INTENTIONALLY BLANK.]*

**IN WITNESS WHEREOF**, the parties hereto have caused this Supplemental Indenture to be duly executed, as of the day and year first written above.

**KEMPHARM, INC.**, as Company

By: /s/ R. LaDuane Clifton

Name: R. LaDuane Clifton

Title: Chief Financial Officer, Secretary and Treasurer

**U.S. BANK NATIONAL ASSOCIATION**, as Trustee

By: /s/ Richard Prokosch

Name: Richard Prokosch

Title: Vice President



November 20, 2018

KemPharm, Inc.  
1180 Celebration Boulevard, Suite 103  
Celebration, FL 34747

**Re: Amendment to Convertible Note and Warrant**

Ladies and Gentlemen:

Reference is hereby made to (i) that certain Facility Agreement, dated as of June 2, 2014 (as the same may have been previously or in the future be amended, modified, restated or otherwise supplemented from time to time, the "Facility Agreement"), by and between KemPharm, Inc., a Delaware corporation (the "Company"), and Deerfield Private Design Fund III, L.P. (the "Lender"), (ii) that certain Senior Secured Convertible Note in the original principal amount of \$10,000,000 issued by the Company to the Lender under the Facility Agreement on June 2, 2014 (as the same may have been previously or in the future be amended, modified, restated or otherwise supplemented from time to time, the "Convertible Note"), and (iii) that certain warrant (number W-74), deemed to be issued by the Company to the Lender under the Facility Agreement on June 2, 2014, relating to the right of the Lender to purchase from the Company 1,923,077 fully paid and nonassessable shares of common stock of the Company (as the same may have been previously or in the future be amended, modified, restated or otherwise supplemented from time to time, the "Warrant"). Capitalized terms used herein which are defined in the Facility Agreement, unless otherwise defined herein, shall have the meanings ascribed to them in the Facility Agreement. The Company and the Lender desire to amend the Convertible Note and the Warrant on the terms set forth in this letter agreement (this "Letter").

Effective upon the execution and delivery of this Letter by the Company and the Lender, the Convertible Note and the Warrant are hereby amended as follows:

(A) Section 2(i) of the Convertible Note is hereby amended by replacing the percentage "9.985%" with "4.985%" in each place it appears (including the defined term "9.985% Cap," which shall be replaced with the defined term "4.985% Cap"); and

(B) The second paragraph of Section 1 of the Warrant is hereby amended by replacing the percentage "9.985%" with "4.985%" in each place it appears (including the defined term "9.985% Cap," which shall be replaced with the defined term "4.985% Cap").

---

Except as expressly set forth herein, (i) the Facility Agreement, the Convertible Note, the Warrant and the other Transaction Documents remain unchanged and in full force and effect, (ii) this Letter shall not be deemed to be a waiver, amendment or modification of, or consent to or departure from, any provision of the Facility Agreement or any other Transaction Document (other than the Convertible Note and Warrant as expressly provided herein) or to be a waiver of any Default or Event of Default under the Facility Agreement or any other Transaction Document, whether arising before or after the date hereof or as a result of the transactions contemplated hereby, and (iii) this Letter shall not preclude the future exercise of any right, remedy, power or privilege available to the Lender, whether under the Facility Agreement, any other Transaction Document or otherwise, and shall not be construed or deemed to be a satisfaction, novation, cure, modification, amendment or release of the Obligations, the Facility Agreement or any other Transaction Document (or any other liability or obligation thereunder) or establish a course of conduct with respect to future requests for amendments, modifications or consents.

This Letter (i) is a Transaction Document and constitutes the entire understanding of the parties with respect to the subject matter hereof, and any other prior or contemporaneous agreements, whether written or oral, with respect thereto are expressly superseded hereby, and (ii) shall be binding upon and inure to the benefit of the successors and assigns of the parties hereto. This Letter may be executed in counterparts (which taken together shall constitute one and the same instrument) and by facsimile or other electronic transmission, which facsimile or other electronic signatures shall be considered original executed counterparts.

Upon the effectiveness of this Letter, any reference in the Convertible Note and the Warrant to “this Warrant,” “this “Note” “hereunder,” hereof,” “herein,” or words of like import referring to such agreement shall refer to the Warrant or Convertible Note, as the case may be, as amended by this Letter.

The Company hereby reaffirms, confirms and ratifies its obligations and liabilities set forth in the Facility Agreement and the other Transaction Documents, all of which shall remain in full force and effect, as modified by this Letter.

---

Reference is also hereby made to the Indenture, dated as of February 9, 2016, between the Company and U.S. Bank National Association, a national banking association organized under the laws of the United States of America, as trustee (the "Trustee"), as amended and supplemented by the First Supplemental Indenture, dated as of November 20, 2018, between the Company and the Trustee (and as may otherwise be amended, supplemented or modified, the "Indenture"; capitalized terms used without definition in this paragraph having the meanings ascribed to them in the Indenture), and the Company's 5.50% Senior Convertible Notes due 2021 issued thereunder (the "Notes") that are beneficially owned by the Lender and Deerfield Special Situations Fund, L.P. (together, the "Note Holders"). The Company and the Note Holders hereby agree, in accordance with Section 13.02(k) of the Indenture, that (a) this Letter constitutes a notice from each of the Note Holders that such Note Holder elects a limit on beneficial ownership of 4.985% (i.e., a "4.985% Cap"); (b) that such 4.985% beneficial ownership limitation shall be effective as of the date of this Letter; (c) that accordingly, on and after the date hereof, so long as the Note Holder shall have complied with the applicable requirements under the Indenture, including the delivery of the certification required under Section 13.02(k)(i) of the Indenture, the Company shall not issue to either Note Holder a number of shares of Common Stock upon conversion of such Note Holder's Notes (including any shares of Common Stock deliverable in connection with any Interest Make-Whole payment) to the extent that, upon such conversion, the number of shares of Common Stock then beneficially owned by a such Note Holder and its Affiliates and any other Persons or entities whose beneficial ownership of the Common Stock would be aggregated with such Note Holder for the purposes of Section 13(d) of the Exchange Act (including shares held by any "group" of which such Holder is a member, but excluding shares beneficially owned by virtue of the ownership of securities or rights to acquire securities that have limitations on the right to convert, exercise or purchase similar to the limitation set forth in Section 13.02(k) of the Indenture) (collectively, the "Capped Parties") would exceed 4.985% of the total number of the shares of the Common Stock then issued and outstanding; and (c) if a Note Holder transfers any Notes to any Affiliate of such Note Holder, then the Company shall deem such 4.985% beneficial ownership limitation to automatically apply to such Affiliate.

[Signature pages follow]

---

Very truly yours,

DEERFIELD PRIVATE DESIGN FUND III, L.P.

By: Deerfield Mgmt III, L.P., its General Partner

By: J.E. Flynn Capital III, LLC, its General Partner

By: /s/ David J. Clark

Name: David Clark

Title: Authorized Signatory

DEERFIELD SPECIAL SITUATIONS FUND, L.P.

By: Deerfield Mgmt., L.P., its General Partner

By: J.E. Flynn Capital LLC, its General Partner

By: /s/ David J. Clark

Name: David J. Clark

Title: Authorized Signatory

---

Acknowledged and Agreed To as of the date set forth above

KEMPHARM, INC.

By: /s/ R. LaDuane Clifton  
Name: R. LaDuane Clifton  
Title: Chief Financial Officer, Secretary and Treasurer