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): May 1, 2018

TONIX PHARMACEUTICALS HOLDING CORP. (Exact name of registrant as specified in its charter)

Nevada (State or Other Jurisdiction of Incorporation) 001-36019 (Commission File Number) 26-1434750 (IRS Employer Identification No.)

509 Madison Avenue, Suite 306, New York, New York 10022 (Address of principal executive offices) (Zip Code)

Registrant's telephone number, including area code: (212) 980-9155

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))
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 May 1, 2018, Tonix Pharmaceuticals Holding Corp. (the "Company") entered into a Sales Agreement (the "Sales Agreement") with Cowen and Company, LLC ("Cowen"), as sales agent, pursuant to which the Company may offer and sell, from time to time, through Cowen shares of its common stock, par value \$0.001 per share (the "Common Stock").

The Company is not obligated to sell any shares under the Sales Agreement. Subject to the terms and conditions of the Sales Agreement, Cowen will use commercially reasonable efforts consistent with its normal trading and sales practices, applicable state and federal law, rules and regulations and the rules of The Nasdaq Global Market ("Nasdaq") to sell shares from time to time based upon the Company's instructions, including any price, time or size limits specified by the Company. Upon delivery of a placement notice, and subject to the Company's instructions in that notice, and the terms and conditions of the Sales Agreement generally, Cowen may sell our common stock by any method permitted by law deemed to be an "at the market offering" as defined by Rule 415(a)(4) promulgated under the Securities Act of 1933, as amended. Cowen's obligations to sell shares under the Sales Agreement are subject to satisfaction of certain conditions, including the effectiveness of the registration statement on Form S-3 (the "Registration Statement") filed by the Company with the U.S. Securities and Exchange Commission (the "SEC") on May 1, 2018 and other customary closing conditions. The Company will pay Cowen a commission of 3.0% of the aggregate gross proceeds from each sale of shares and has agreed to provide Cowen with customary indemnification and contribution rights. The Company has also agreed to reimburse Cowen for certain specified expenses.

Shares of Common Stock will be offered and sold pursuant to the Registration Statement and the sales agreement prospectus that forms a part of such Registration Statement, following such time as the Registration Statement is declared effective by the SEC, for an aggregate offering price of up to \$9.5 million.

The foregoing summary of the Sales Agreement does not purport to be complete and is qualified in its entirety by reference to the full text of the Sales Agreement, which is attached as an exhibit to the Registration Statement and incorporated by reference into this Item 1.01.

This Current Report on Form 8-K shall not constitute an offer to sell or the solicitation of an offer to buy any shares under the Sales Agreement, nor shall there be any sale of such shares in any state in which such offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of any such state.

Item 9.01 Financial Statements and Exhibits.

(A)

Evhibit

(u)	No.	Description.
	1.1	Sales Agreement, dated May 1, 2018, by and between Tonix Pharmaceuticals Holdings Corp. and Cowen and

Sales Agreement, dated May 1, 2018, by and between Tonix Pharmaceuticals Holdings Corp. and Cowen and Company, LLC (incorporated by reference to Exhibit 1.02 of the Company's Registration Statement on Form S-3 filed with the SEC on May 1, 2018).

SIGNATURE

Pursuant to the requirement 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.

TONIX PHARMACEUTICALS HOLDING CORP.

Date: May 1, 2018

By: /s/ Bradley Saenger

Bradley Saenger Chief Financial Officer