

- 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 8.01 Other Events

In February 2018, Cumberland Pharmaceuticals Inc. (the "Company" or "we") completed and filed with the U.S. Food and Drug Administration ("FDA") an application for the approval of our next generation Caldolor® (ibuprofen) injection product. The product features a new, patented formulation in a more convenient to use package. In April the FDA determined that the application was complete and notified us of their acceptance for review. There were then a number of communications with questions addressed through multiple amendments that were submitted to the application. On August 2, 2018, we received a complete response from the FDA outlining the additional information needed for the application's approval. The requests are for additional quality and nonclinical data. We intend to accept the FDA's offer of a meeting to discuss their additional requirements before providing our response.

Caldolor is indicated in adults and pediatric patients for the management of mild to moderate pain and management of moderate to severe pain as an adjunct to opioid analgesics, as well as the reduction of fever. It was the first FDA-approved intravenous therapy for fever. For full prescribing instructions, including important safety information visit www.caldolor.com.

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 hereunto duly authorized.

Cumberland Pharmaceuticals Inc.

Dated: August 3, 2018 By: /s/ Michael Bonner

Name: Michael Bonner
Title: Chief Financial Officer