

**DEPARTMENT OF HEALTH AND HUMAN SERVICES**

**Food and Drug Administration**

[Docket No. FDA-2021-P-1354]

**Determination That TOTECT (Dexrazoxane Hydrochloride) for Injection, 500 Milligrams, Was Not Withdrawn From Sale for Reasons of Safety or Effectiveness**

**AGENCY:** Food and Drug Administration, HHS.

**ACTION:** Notice.

**SUMMARY:** The Food and Drug Administration (FDA, Agency, or we) has determined that TOTECT (dexrazoxane hydrochloride) for injection, 500 milligrams (mg), was not withdrawn from sale for reasons of safety or effectiveness. This determination means that FDA will not begin procedures to withdraw approval of abbreviated new drug applications (ANDAs) that refer to this drug product, and it will allow FDA to continue to approve ANDAs that refer to the product, as long as they meet relevant legal and regulatory requirements.

**FOR FURTHER INFORMATION CONTACT:** Sungjoon Chi, Center for Drug Evaluation and Research, Food and Drug Administration, 10903 New Hampshire Ave., Bldg. 51, Rm. 6216, Silver Spring, MD 20993-0002, 240-402-9674, [Sungjoon.Chi@fda.hhs.gov](mailto:Sungjoon.Chi@fda.hhs.gov).

**SUPPLEMENTARY INFORMATION:** Section 505(j) of the Federal Food, Drug, and Cosmetic Act (FD&C Act) (21 U.S.C. 355(j)) allows the submission of an ANDA to market a generic version of a previously approved drug product. To obtain approval, the ANDA applicant must show, among other things, that the generic drug product: (1) Has the same active ingredient(s), dosage form, route of administration, strength, conditions of use, and (with certain exceptions) labeling as the listed drug, which is a version of the drug that was previously approved and (2) is bioequivalent to the listed drug. ANDA applicants do not have to repeat the extensive clinical testing otherwise necessary to gain approval of a new drug application (NDA).

Section 505(j)(7) of the FD&C Act requires FDA to publish a list of all approved drugs. FDA publishes this list as part of the “Approved Drug Products with Therapeutic Equivalence Evaluations,” which is known generally as the “Orange Book.” Under FDA regulations, drugs are removed from the list if the Agency withdraws or suspends approval of the drug’s NDA or

ANDA for reasons of safety or effectiveness or if FDA determines that the listed drug was withdrawn from sale for reasons of safety or effectiveness (21 CFR 314.162).

A person may petition the Agency to determine, or the Agency may determine on its own initiative, whether a listed drug was withdrawn from sale for reasons of safety or effectiveness. This determination may be made at any time after the drug has been withdrawn from sale, but must be made prior to approving an ANDA that refers to the listed drug (§ 314.161 (21 CFR 314.161)). FDA may not approve an ANDA that does not refer to a listed drug.

TOTECT (dexrazoxane hydrochloride) for injection, 500 mg, is the subject of NDA 022025, held by Clinigen, Inc., and initially approved on September 6, 2007. TOTECT is a cytoprotective agent indicated for the treatment of extravasation resulting from intravenous anthracycline chemotherapy and for reducing the incidence and severity of cardiomyopathy associated with doxorubicin administration in women with metastatic breast cancer who have received a cumulative doxorubicin dose of 300 mg/square meter and who will continue to receive doxorubicin therapy to maintain tumor control.

In a letter dated May 11, 2021, Clinigen, Inc., notified FDA that TOTECT (dexrazoxane hydrochloride) for injection, 500 mg, was being discontinued, and FDA moved the drug product to the “Discontinued Drug Product List” section of the “Orange Book.”

Cardinal Health Regulatory Sciences submitted a citizen petition dated December 23, 2021 (Docket No. FDA-2021-P-1354), under 21 CFR 10.30, requesting that the Agency determine whether TOTECT (dexrazoxane hydrochloride) for injection, 500 mg, was withdrawn from sale for reasons of safety or effectiveness.

After considering the citizen petition and reviewing Agency records, and based on the information we have at this time, FDA has determined under § 314.161 that TOTECT (dexrazoxane hydrochloride) for injection, 500 mg, was not withdrawn for reasons of safety or effectiveness. The petitioner has identified no data or other information suggesting that TOTECT (dexrazoxane hydrochloride) for injection, 500 mg, was withdrawn for reasons of safety or effectiveness. We have carefully reviewed our files for records concerning the withdrawal of TOTECT (dexrazoxane hydrochloride) for injection, 500 mg, from sale. We have also independently evaluated relevant literature and data for possible

postmarketing adverse events. We have found no information that would indicate that this drug product was withdrawn from sale for reasons of safety or effectiveness.

Accordingly, the Agency will continue to list TOTECT (dexrazoxane hydrochloride) for injection, 500 mg, in the “Discontinued Drug Product List” section of the “Orange Book.” The “Discontinued Drug Product List” delineates, among other items, drug products that have been discontinued from marketing for reasons other than safety or effectiveness. FDA will not begin procedures to withdraw approval of approved ANDAs that refer to this drug product. Additional ANDAs for this drug product may also be approved by the Agency as long as they meet all other legal and regulatory requirements for the approval of ANDAs. If FDA determines that labeling for this drug product should be revised to meet current standards, the Agency will advise ANDA applicants to submit such labeling.

Dated: April 7, 2022.

**Lauren K. Roth,**

*Associate Commissioner for Policy.*

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**DEPARTMENT OF HEALTH AND HUMAN SERVICES**

**National Institutes of Health**

**National Institute on Alcohol Abuse and Alcoholism; Amended Notice of Meeting**

Notice is hereby given of a change in the meeting of the National Advisory Council on Alcohol Abuse and Alcoholism, May 10, 2022, 11:00 a.m. to May 11, 2022, 3:00 p.m., National Institute on Alcohol Abuse and Alcoholism, 6700B Rockledge Drive, Bethesda, MD 20817, which was published in the **Federal Register** on March 30, 2022, FR Doc. No. 2022-06714, 87 FR 18374.

This notice is being amended to change the start and end times of the open session on May 10, 2022, from 12:45 p.m. to 12:30 p.m. and from 5:00 p.m. to 5:30 p.m. As such the May 10, 2022, open session will now be held from 12:30 p.m. to 5:30 p.m. The meeting is partially closed to the public.

Dated: April 8, 2022.

**Melanie J. Pantoja,**

*Program Analyst, Office of Federal Advisory Committee Policy.*

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