

Carisoprodol is a sedative-hypnotic that is used as a centrally acting muscle relaxant and hypnotic. Carisoprodol is a prodrug that is metabolized in the liver to form meprobamate which functions similarly to benzodiazepines and barbiturates. It is approved for medical use in the United States as a muscle relaxant and is typically prescribed in combination with analgesics to treat muscle pain. Scientific studies indicate that carisoprodol has a demonstrated abuse potential similar to benzodiazepines, and it is controlled under schedule IV under the CSA.

IV. Opportunity To Submit Domestic Information

As required by paragraph (d)(2)(A) of the CSA, FDA, on behalf of HHS, invites interested persons to submit comments regarding the eight drug substances. Any comments received will be considered by HHS when it prepares a scientific and medical evaluation for drug substances that is responsive to the WHO Questionnaire for these drug substances. HHS will forward such evaluation of these drug substances to WHO, for WHO's consideration in deciding whether to recommend international control/decontrol of any of these drug substances. Such control could limit, among other things, the manufacture and distribution (import/export) of these drug substances and could impose certain recordkeeping requirements on them.

Although FDA is, through this notice, requesting comments from interested persons, which will be considered by HHS when it prepares an evaluation of these drug substances, HHS will not now make any recommendations to WHO regarding whether any of these drugs should be subjected to international controls. Instead, HHS will defer such consideration until WHO has made official recommendations to the Commission on Narcotic Drugs, which are expected to be made in late 2023. Any HHS position regarding international control of these drug substances will be preceded by another **Federal Register** notice soliciting public comments, as required by paragraph (d)(2)(B) of the CSA (21 U.S.C. 811).

Dated: August 2, 2023.

Lauren K. Roth,

Associate Commissioner for Policy.

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DEPARTMENT OF HEALTH AND HUMAN SERVICES

Food and Drug Administration

[Docket No. FDA-2023-P-0038]

Determination That CUBICIN (Daptomycin) Powder for Injection, 250 Milligrams/Vial and 500 Milligrams/Vial, and CUBICIN RF (Daptomycin) Powder for Injection, 500 Milligrams/Vial, Were Not Withdrawn From Sale for Reasons of Safety or Effectiveness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 or Agency) has determined that CUBICIN (daptomycin) Powder for Injection, 250 milligrams (mg)/vial and 500 mg/vial, and CUBICIN RF (daptomycin) Powder for Injection, 500 mg/vial, were not withdrawn from sale for reasons of safety or effectiveness. This determination will allow FDA to approve abbreviated new drug applications (ANDAs) for daptomycin powder for injection, 250 mg/vial and 500 mg/vial, if all other legal and regulatory requirements are met.

FOR FURTHER INFORMATION CONTACT: Tereza Hess, Center for Drug Evaluation and Research, Food and Drug Administration, 10903 New Hampshire Ave., Bldg. 51, Rm. 6221, Silver Spring, MD 20993-0002, 202-768-5659, tereza.hess@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.

CUBICIN (daptomycin) Powder for Injection, 250 mg/vial and 500 mg/vial, initially approved on September 12, 2003, and CUBICIN RF (daptomycin) Powder for Injection, 500 mg/vial, initially approved on July 6, 2016, are the subjects of NDA 021572, held by Cubist Pharmaceuticals, LLC. CUBICIN and CUBICIN RF are indicated for treatment of complicated skin and skin structure infections in adult and pediatric patients (1 to 17 years of age), and *Staphylococcus aureus* bloodstream infections (bacteremia) in adult patients including those with right-sided infective endocarditis. CUBICIN is also indicated for treatment of *S. aureus* bloodstream infections (bacteremia) in pediatric patients (1 to 17 years of age).

CUBICIN (daptomycin) Powder for Injection, 250 mg/vial is currently listed in the "Discontinued Drug Product List" section of the Orange Book. In a letter dated June 22, 2021, Cubist Pharmaceuticals, LLC notified FDA that CUBICIN RF (daptomycin) Powder for Injection, 500 mg/vial was being discontinued, and FDA moved the drug product to the "Discontinued Drug Product List" section of the Orange Book. In a letter dated March 30, 2022, Cubist Pharmaceuticals, LLC notified FDA that CUBICIN (daptomycin) Powder for Injection, 500 mg/vial was being discontinued, and FDA moved the drug product to the "Discontinued Drug Product List" section of the Orange Book.

Lachman Consultant Services, Inc. submitted a citizen petition dated January 3, 2023 (Docket No. FDA-2023-P-0038), under 21 CFR 10.30, requesting that the Agency determine whether CUBICIN RF (daptomycin) Powder for Injection, 500 mg/vial, was withdrawn from sale for reasons of safety or effectiveness. Although the citizen petition did not address the CUBICIN (daptomycin) Powder for Injection, 250 mg/vial and 500 mg/vial

strengths, these strengths have also been discontinued. On our own initiative, we have also determined whether these strengths were withdrawn for safety or effectiveness reasons.

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 CUBICIN (daptomycin) Powder for Injection, 250 mg/vial and 500 mg/vial, and CUBICIN RF (daptomycin) Powder for Injection, 500 mg/vial, were not withdrawn from sale for reasons of safety or effectiveness. The petitioner has identified no data or other information suggesting that these drug products were withdrawn for reasons of safety or effectiveness. We have carefully reviewed our files for records concerning the withdrawal of CUBICIN (daptomycin) Powder for Injection, 250 mg/vial and 500 mg/vial, and CUBICIN RF (daptomycin) Powder for Injection, 500 mg/vial, 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 these drug products were withdrawn from sale for reasons of safety or effectiveness.

Accordingly, the Agency will continue to list CUBICIN (daptomycin) Powder for Injection, 250 mg/vial and 500 mg/vial, and CUBICIN RF (daptomycin) Powder for Injection, 500 mg/vial, 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. ANDAs that refer to these drug products may 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 these drug products should be revised to meet current standards, the Agency will advise ANDA applicants to submit such labeling.

Dated: August 2, 2023.

Lauren K. Roth,

Associate Commissioner for Policy.

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DEPARTMENT OF HEALTH AND HUMAN SERVICES

Food and Drug Administration

[Docket No. FDA-2020-D-1530]

Recommended Acceptable Intake Limits for Nitrosamine Drug Substance-Related Impurities; Guidance for Industry; Availability

AGENCY: Food and Drug Administration, HHS.

ACTION: Notice of availability.

SUMMARY: The Food and Drug Administration (FDA, Agency, or we) is announcing the availability of a final guidance for industry entitled “Recommended Acceptable Intake Limits for Nitrosamine Drug Substance-Related Impurities (NDSRIs).” This guidance provides applicants and manufacturers of drugs, including prescription and over-the-counter (OTC) drug products, with a recommended framework for predicting the mutagenic and carcinogenic potential of NDSRIs that could be present in drug products and recommends acceptable intake (AI) limits for NDSRIs. NDSRIs, which are a subcategory of nitrosamine impurities that share structural similarity to the active pharmaceutical ingredient (API) in drug products, typically lack compound-specific mutagenicity and carcinogenicity data to inform safety assessments. This guidance provides a recommended methodology for AI determination that uses structural features of NDSRIs to generate a predicted carcinogenic potency categorization and corresponding recommended AI limit that manufacturers and applicants can apply, in the absence of other FDA-recommended AI limits, in their evaluation of potential impurities in their drug products.

DATES: The announcement of the guidance is published in the **Federal Register** on August 7, 2023.

ADDRESSES: You may submit either electronic or written comments on Agency guidances at any time as follows:

Electronic Submissions

Submit electronic comments in the following way:

- **Federal eRulemaking Portal:** <https://www.regulations.gov>. Follow the instructions for submitting comments. Comments submitted electronically, including attachments, to <https://www.regulations.gov> will be posted to the docket unchanged. Because your comment will be made public, you are solely responsible for ensuring that your

comment does not include any confidential information that you or a third party may not wish to be posted, such as medical information, your or anyone else’s Social Security number, or confidential business information, such as a manufacturing process. Please note that if you include your name, contact information, or other information that identifies you in the body of your comments, that information will be posted on <https://www.regulations.gov>.

- If you want to submit a comment with confidential information that you do not wish to be made available to the public, submit the comment as a written/paper submission and in the manner detailed (see “Written/Paper Submissions” and “Instructions”).

Written/Paper Submissions

Submit written/paper submissions as follows:

- **Mail/Hand Delivery/Courier (for written/paper submissions):** Dockets Management Staff (HFA-305), Food and Drug Administration, 5630 Fishers Lane, Rm. 1061, Rockville, MD 20852.

- For written/paper comments submitted to the Dockets Management Staff, FDA will post your comment, as well as any attachments, except for information submitted, marked and identified, as confidential, if submitted as detailed in “Instructions.”

Instructions: All submissions received must include the Docket No. FDA-2020-D-1530 for “Recommended Acceptable Intake Limits for Nitrosamine Drug Substance-Related Impurities (NDSRIs).” Received comments will be placed in the docket and, except for those submitted as “Confidential Submissions,” publicly viewable at <https://www.regulations.gov> or at the Dockets Management Staff between 9 a.m. and 4 p.m., Monday through Friday, 240-402-7500.

- **Confidential Submissions—**To submit a comment with confidential information that you do not wish to be made publicly available, submit your comments only as a written/paper submission. You should submit two copies total. One copy will include the information you claim to be confidential with a heading or cover note that states “THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION.” The Agency will review this copy, including the claimed confidential information, in its consideration of comments. The second copy, which will have the claimed confidential information redacted/blacked out, will be available for public viewing and posted on <https://www.regulations.gov>. Submit both copies to the Dockets Management Staff. If you do not wish your name and