

CENTER FOR DRUG EVALUATION AND RESEARCH

Approval Package for:

APPLICATION NUMBER:

20-872 /S010

Trade Name: Allegra Tablets

Generic Name: fexofenadine

Sponsor: Avenits Pharmaceuticals Inc.

Approval Date: October 10, 2002

CENTER FOR DRUG EVALUATION AND RESEARCH

APPLICATION NUMBER:

20-872/S010

CONTENTS

Reviews / Information Included in this NDA Review.

Approval Letter	X
Approvable Letter	
Labeling	
Summary Review	
Officer/Employee List	
Office Director Memo	
Cross Discipline Team Leader Review	
Medical Review(s)	
Chemistry Review(s)	X
Environmental Assessment	
Pharmacology Review(s)	
Statistical Review(s)	
Microbiology Review(s)	
Clinical Pharmacology/Biopharmaceutics Review(s)	
Risk Assessment and Risk Mitigation Review(s)	
Proprietary Name Review(s)	
Administrative/Correspondence Document(s)	X

**CENTER FOR DRUG EVALUATION AND
RESEARCH**

APPLICATION NUMBER:

20-872/S010

APPROVAL LETTER



DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
Rockville, MD 20857

NDA 20-872/S-010

Aventis Pharmaceuticals
10236 Marion Park Drive
P.O. Box 9720
Kansas City, MO 64134-0720

Attention: Dhiren N. Shah, Ph.D.
Director, Regulatory CMC

Dear Dr. Shah:

Please refer to your supplemental new drug application dated September 4, 2002, received September 5, 2002, submitted under section 505(b) of the Federal Food, Drug, and Cosmetic Act for Allegra (fexofenadine HCl) tablets.

This "Changes Being Effected in 30 days" supplemental new drug application provides for the addition of an alternate manufacturing process for the 60 mg strength tablet which includes changes relative to process approved in the original application.

We completed our review of this supplemental new drug application, and it is approved.

We remind you that you must comply with the reporting requirements for an approved NDA (21 CFR 314.80 and 314.81).

If you have any questions, call Ms. Christine Yu, R.Ph., Regulatory Project Manager, at (301) 827-1051.

Sincerely,

{See appended electronic signature page}

Guirag Poochikian, Ph.D.
Chemistry Team Leader
Division of Pulmonary and Allergy Drug Products, HFD-570
DNDC II, Office of New Drug Chemistry
Center for Drug Evaluation and Research

**This is a representation of an electronic record that was signed electronically and
this page is the manifestation of the electronic signature.**

/s/

Craig Bertha
10/10/02 01:06:38 PM
for G. Poochikian

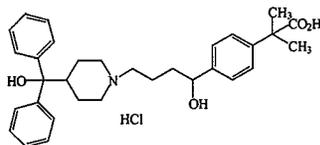
**CENTER FOR DRUG EVALUATION AND
RESEARCH**

APPLICATION NUMBER:

20-872/S010

CHEMISTRY REVIEW(S)

CHEMIST'S REVIEW #1		1. ORGANIZATION HFD-570 DPADP	2. NDA NUMBER 20-872
3. NAME AND ADDRESS OF APPLICANT (<i>City and State</i>) Aventis Pharmaceuticals 10236 Marion Park Drive, P.O. Box 9627 Kansas City, MO		4. AF NUMBER	
6. NAME OF DRUG Allegra® Tablets		7. NONPROPRIETARY NAME fexofenadine hydrochloride tablets	
8. SUPPLEMENT (CBE-30) PROVIDES FOR: The addition of an alternate manufacturing process for the 60 mg strength drug product which includes changes in _____ relative to the process approved in the original application.		9. AMENDMENT(S), REPORT(S), ETC.	
10. PHARMACOLOGICAL CATEGORY Histamine H ₁ -receptor antagonist		11. HOW DISPENSED RX <input checked="" type="checkbox"/> OTC	
13. DOSAGE FORM(S) tablets		14. POTENCY 30, 60, and 180 mg	
15. CHEMICAL NAME AND STRUCTURE (±)-4-[1-Hydroxy-4-[4-(hydroxydiphenylmethyl)-1-piperidiny]-butyl]-dimethylbenzeneacetic acid hydrochloride (MDL 16,455A)		16. RECORDS AND REPORTS CURRENT YES__NO__ REVIEWED YES__NO__	
<p>17. COMMENTS: See attached review notes. Note that an analogous supplement (S-004) was approved for the 180 mg strength on 5/30/01.</p> <p>cc: Orig. NDA 20-872 HFD-570/div. File HFD-570/CBertha/9/23/02 HFD-570/GPoochikian HFD-570/CYu R/D Init. by: _____ F/T by: CBertha/9/23/02 doc # 02-09-04.rev.doc</p>			
18. CONCLUSIONS AND RECOMMENDATIONS: Based on the CMC information provided, it is recommended that the supplement be approved for the 60 mg strength of the product.			
19. REVIEWER NAME: Craig M. Bertha, Ph.D.		SIGNATURE	DATE COMPLETED 9/23/02



4 Page(s) Withheld

✓ § 552(b)(4) Trade Secret /
Confidential

 § 552(b)(4) Draft Labeling

 § 552(b)(5) Deliberative Process

Withheld Track Number: Chemistry 20-872
8010

**This is a representation of an electronic record that was signed electronically and
this page is the manifestation of the electronic signature.**

/s/

Craig Bertha
9/27/02 06:33:04 AM
CHEMIST

Guiragos Poochikian
10/1/02 09:33:19 AM
CHEMIST

**CENTER FOR DRUG EVALUATION AND
RESEARCH**

APPLICATION NUMBER:

20-872/S010

**ADMINISTRATIVE and CORRESPONDENCE
DOCUMENTS**



NDA 20-872/S-010

Aventis Pharmaceuticals
10236 Marion Park Drive
P.O. Box 9720
Kansas City, MO 64134-0720

CBE-30 SUPPLEMENT

Attention: Dhiren N. Shah, Ph.D.
Director, CMC- U.S. Drug Regulatory Affairs

Dear Dr. Shah:

We have received your supplemental drug application submitted under section 505(b) of the Federal Food, Drug, and Cosmetic Act for the following:

Name of Drug Product: Allegra (fexofenadine HCl) tablets
NDA Number: 20-872
Supplement number: S-010
Date of supplement: September 4, 2002
Date of receipt: September 5, 2002

This supplemental application, submitted as "Supplement - Changes Being Effected in 30 days," provides for the use of an additional manufacturing process' _____ the manufacture of Allegra 60 mg tablets. Aventis proposes to use the _____ as an alternate to the current manufacturing process.

Unless we notify you within 60 days of the receipt date that the application is not sufficiently complete to permit a substantive review, we will file the application on November 4, 2002, in accordance with 21 CFR 314.101(a). If the application is filed, the user fee goal date will be March 5, 2003.

All communications concerning this supplement should be addressed as follows:

U.S. Postal Service:
Center for Drug Evaluation and Research
Division of Pulmonary and Allergy Drug Products, HFD-570
Attention: Fishers Document Room, 8B-45
5600 Fishers Lane
Rockville, Maryland 20857

NDA 20-872/S-010

Page 2

If you have any questions, call Ms. Christine Yu, R.Ph., Regulatory Project Manager, at (301) 827-1051.

Sincerely,

{See appended electronic signature page}

Sandy Barnes
Chief, Project Management Staff
Division of Pulmonary and Allergy Drug Products
Office of Drug Evaluation II
Center for Drug Evaluation and Research

**This is a representation of an electronic record that was signed electronically and
this page is the manifestation of the electronic signature.**

/s/

Christine Yu
9/18/02 04:28:53 PM
Signing for Sandy Barnes, CPMS

