### CENTER FOR DRUG EVALUATION AND RESEARCH

## **Approval Package for:**

### **APPLICATION NUMBER:**

022255Orig1s000

Trade Name: VIMPAT ORAL SOLUTION, 10 mg/ml

Generic Name: Lacosamide

Sponsor: UCB/Schwarz Biosciences, Inc

Approval Date: April 20, 2010

**Indications:** For the use of Vimpat (lacosamide) Oral Solution as adjunctive

therapy in the treatment of partial-onset seizures in patients with

epilepsy aged 17 years and older.



# CENTER FOR DRUG EVALUATION AND RESEARCH

# APPLICATION NUMBER: 022255Orig1s000

### **CONTENTS**

# Reviews / Information Included in this NDA Review.

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



# CENTER FOR DRUG EVALUATION AND RESEARCH

APPLICATION NUMBER: 022255Orig1s000

# **APPROVAL LETTER**





Food and Drug Administration Silver Spring MD 20993

NDA 022255, 022253/S-006, 022254/S-003

NDA APPROVAL

Schwarz Biosciences, Inc. Attention: Susan Tegtmeyer, M. S. Senior Manager Regulatory Affairs 1950 Lake Park Drive Smyrna, GA 30080

#### Dear Ms. Tegtmeyer:

Please refer to your September 28, 2007, New Drug Application (NDA) 022255, received September 28, 2007, submitted under section 505(b) of the Federal Food, Drug, and Cosmetic Act for Vimpat (lacosamide) Oral Solution, 10 mg/ml.

We acknowledge receipt of your submissions to NDA 022255 dated October 16, 2009, and February 4, March 31, and April 20, 2010.

The October 16, 2009, submission constituted a complete response to our October 28, 2008, action letter.

This new drug application provides for the use of Vimpat (lacosamide) Oral Solution as adjunctive therapy in the treatment of partial-onset seizures in patients with epilepsy aged 17 years and older.

We further refer to your August 21, 2009, supplemental NDAs 022253/S-006 and 022254/S-003, received August 24, 2009, submitted under section 505(b) of the Federal Food, Drug, and Cosmetic Act for Vimpat (lacosamide) Tablets and Injection. These supplements provide for a comprehensive Medication Guide and modified risk evaluation and mitigation strategy (REMS).

We acknowledge receipt of your submissions to NDAs 022253/S-006 and 022254/S-003 dated October 5 and 6, 2009, and March 31, and April 13, 2010. Finally, we acknowledge receipt of your April 20, 2010 amendments to NDAs 022253/S-006 and 022254/S-003 containing a modified REMS and REMS assessment.

We have completed our review of these applications, as amended and they are approved, effective on the date of this letter, for use as recommended in the enclosed, agreed-upon labeling text

We are waiving the requirements of 21 CFR 201.57(d)(8) regarding the length of Highlights of prescribing information. This waiver applies to all future supplements containing revised labeling unless we notify you otherwise.



#### **CONTENT OF LABELING**

As soon as possible, but no later than 14 days from the date of this letter, please submit the content of labeling [21 CFR 314.50(l)] in structured product labeling (SPL) format, as described at <a href="http://www.fda.gov/ForIndustry/DataStandards/StructuredProductLabeling/default.htm">http://www.fda.gov/ForIndustry/DataStandards/StructuredProductLabeling/default.htm</a>, that is identical to the enclosed labeling (text for the package insert and Medication Guide). For administrative purposes, please designate this submission, "SPL for approved NDAs 022255, 022253/S-006, and 022254/S-003."

#### **CARTON AND IMMEDIATE CONTAINER LABELS**

Submit final printed carton and container labels that are identical to the carton and immediate container labels submitted on April 15, 2010, as soon as they are available, but no more than 30 days after they are printed. Please submit these labels electronically according to the guidance for industry titled *Providing Regulatory Submissions in Electronic Format – Human Pharmaceutical Product Applications and Related Submissions Using the eCTD Specifications (October 2005)*. Alternatively, you may submit 12 paper copies, with 6 of the copies individually mounted on heavy-weight paper or similar material. For administrative purposes, designate this submission "**Final Printed Carton and Container Labels for approved NDA 022255.**" Approval of this submission by FDA is not required before the labeling is used.

Marketing the product with FPL that is not identical to the approved labeling text may render the product misbranded and an unapproved new drug.

#### REQUIRED PEDIATRIC ASSESSMENTS

Under the Pediatric Research Equity Act (PREA) (21 U.S.C. 355c), all applications for new active ingredients, new indications, new dosage forms, new dosing regimens, or new routes of administration are required to contain an assessment of the safety and effectiveness of the product for the claimed indication(s) in pediatric patients unless this requirement is waived, deferred, or inapplicable.

We are waiving the pediatric study requirement for ages 0 to 1 month for these applications because necessary studies are impossible or highly impracticable because there are too few children with partial onset seizures in this age group to study.

In addition, we are deferring submission of your pediatric studies in partial onset seizures for ages 1 month up to 17 years for this application because this product is ready for approval for use in adults and the pediatric studies have not been completed.

Your deferred pediatric studies required by section 505B(a) of the Federal Food, Drug, and Cosmetic Act (FDCA) are required postmarketing studies. The status of these postmarketing studies must be reported annually according to 21 CFR 314.81 and section 505B(a)(3)(B) of the FDCA. This required study is listed below.



# DOCKET

# Explore Litigation Insights



Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

## **Real-Time Litigation Alerts**



Keep your litigation team up-to-date with **real-time** alerts and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

### **Advanced Docket Research**



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

### **Analytics At Your Fingertips**



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

#### API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

#### **LAW FIRMS**

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

#### **FINANCIAL INSTITUTIONS**

Litigation and bankruptcy checks for companies and debtors.

#### **E-DISCOVERY AND LEGAL VENDORS**

Sync your system to PACER to automate legal marketing.

