

submit a complete ANADA or to submit information in support of an ANADA for phased review followed by the submission of an Administrative ANADA when FDA finds that all the applicable technical sections for an

ANADA are complete. FDA requests that an applicant accompany ANADAs and requests for phased review of data to support ANADAs with the Form FDA 356v to ensure efficient and accurate processing of information to support

approval of the generic new animal drug.

FDA estimates the burden of this collection of information as follows:

TABLE 1.—ESTIMATED ANNUAL REPORTING BURDEN<sup>1</sup>

FD&C Act Section 512(n)(1)	FDA Form	No. of Respondents	Annual Frequency per Response	Total Annual Responses	Hours per Response	Total Hours
ANADA	356 V	17	1	17	159	2,703
Phased Review with Administrative ANADA	356 V	5	5	25	31.8	795
Total						3,498

<sup>1</sup>There are no capital costs or operating and maintenance costs associated with this collection of information.

#### ANADA paperwork burden (Section 512(n)(1) of the act) (21 U.S.C. 360b(b)(2)):

Over the past 5 fiscal years, from October 2003 through September 2008, FDA has received an average of 22 ANADAs per year. FDA estimates that preparing the paperwork required under Section 512 (n)(1) of the act to be contained in an ANADA, whether all of the information is submitted with the ANADA or the applicant submits information for phased review followed by an Administrative ANADA that references that information, will take approximately 159 hours. FDA is estimating that each ANADA that uses the phased review process will have approximately 5 phased reviews per application. Therefore, assuming that 5 respondents will take advantage of the phased review option per year and an average of 5 phased reviews are submitted per application, times 31.8 hours per phased review, equals 795 total hours per year or 159 hours per application.

FDA believes that with time, more sponsors will take advantage of the phased review option, as it provides greater flexibility. Eventually, phased review will increase to the point of being the majority of ANADAs submitted during the course of the year. FDA also estimates that it takes sponsors of ANADAs approximately 25 percent less time to put together the information to support an ANADA than an NADA because they only need to provide evidence of bioequivalence and not the data required in an NADA to support a full demonstration of safety and effectiveness.

**Form FDA 356v:** FDA requests that an applicant fill out and send in with an ANADA and requests for phased review of data to support an ANADAs, a Form FDA 356v to ensure efficient and

accurate processing of information to support the approval of a generic new animal drug.

This notice also refers to previously approved collections of information found in FDA regulations. The collections of information under 21 CFR 514.80, which describes records and reports that are required post approval, have been approved under OMB Control No. 0910-0284.

Dated: October 27, 2009.

**David Horowitz,**

*Assistant Commissioner for Policy.*

[FR Doc. E9-26290 Filed 10-30-09; 8:45 am]

**BILLING CODE 4160-01-S**

#### DEPARTMENT OF HEALTH AND HUMAN SERVICES

##### Food and Drug Administration

[Docket No. FDA-2009-N-0521]

#### Authorization of Emergency Use of the Antiviral Product Peramivir Accompanied by Emergency Use Information; Availability

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

**ACTION:** Notice.

**SUMMARY:** The Food and Drug Administration (FDA) is announcing the issuance of an Emergency Use Authorization (EUA) (the Authorization) for peramivir 200 milligrams (mg)/20 milliliter (mL) (10 mg/mL) single use vial manufactured for BioCryst Pharmaceuticals, Inc. (BioCryst) for intravenous (IV) administration in certain adult and pediatric patients. Peramivir is a drug that is not approved by FDA. FDA is issuing the Authorization under the Federal Food, Drug, and Cosmetic Act (the act), as

requested by the Centers for Disease Control and Prevention (CDC). The Authorization contains, among other things, conditions on the emergency use of peramivir. The Authorization follows the determination by then Acting Secretary of the U.S. Department of Health and Human Services Charles E. Johnson (then Acting Secretary) that a public health emergency exists involving Swine Influenza A (now known as “2009-H1N1 Influenza”) that affects, or has the significant potential to affect, national security. The determination has been renewed. On the basis of such determination, the Secretary declared an emergency justifying the authorization of the emergency use of the antiviral peramivir, accompanied by emergency use information, subject to the terms of any authorization issued under the act. The Authorization, which includes an explanation of the reasons for issuance, is reprinted in this document. The notice of the declaration of the Secretary is announced elsewhere in this issue of the **Federal Register**.

**DATES:** The Authorization is effective as of October 23, 2009.

**ADDRESSES:** Submit written requests for single copies of the Emergency Use Authorization(s) to the Office of Counterterrorism and Emerging Threats (HF-29), Food and Drug Administration, 5600 Fishers Lane, Rockville, MD 20857. Send one self-addressed adhesive label to assist that office in processing your request or include a fax number to which the Authorization(s) may be sent. See the **SUPPLEMENTARY INFORMATION** section for electronic access to the Authorizations.

**FOR FURTHER INFORMATION CONTACT:** RADM Boris Lushniak, Office of Counterterrorism and Emerging Threats

(HF-29), Food and Drug Administration, 5600 Fishers Lane, Rockville, MD 20857, 301-827-4067.

#### SUPPLEMENTARY INFORMATION:

##### I. Background

Section 564 of the act (21 U.S.C. 360bbb-3), as amended by the Project BioShield Act of 2004 (Public Law 108-276), allows FDA to strengthen the public health protections against biological, chemical, nuclear, and radiological agents. Among other things, section 564 of the act allows FDA to authorize the use of an unapproved medical product or an unapproved use of an approved medical product during a public health emergency that affects, or has a significant potential to affect, national security, and that involves biological, chemical, radiological, or nuclear agent or agents, or a specified disease or condition that may be attributable to such agent or agents. With this EUA authority, FDA can help assure that medical countermeasures may be used in an emergency to diagnose, treat, or prevent serious or life-threatening diseases or conditions caused by such agents, when there are no adequate, approved, and available alternatives.

Section 564(b)(1) of the act provides that, before an EUA may be issued, the Secretary must declare an emergency justifying the authorization based on one of the following grounds: “(A) a determination by the Secretary of Homeland Security that there is a domestic emergency, or a significant potential for a domestic emergency, involving a heightened risk of attack with a specified biological, chemical, radiological, or nuclear agent or agents; (B) a determination by the Secretary of Defense that there is a military emergency, or a significant potential for a military emergency, involving a heightened risk to United States military forces of attack with a specified biological, chemical, radiological, or nuclear agent or agents; or (C) a determination by the Secretary of a public health emergency under section 319 of the Public Health Service Act (PHS Act) that affects, or has a significant potential to affect, national security, and that involves a specified biological, chemical, radiological, or nuclear agent or agents, or a specified disease or condition that may be attributable to such agent or agents.”

Once the Secretary has declared an emergency justifying an authorization under section 564 of the act, FDA may

authorize the emergency use of a drug, device, or biological product if the agency concludes that the statutory criteria are satisfied. Under section 564(h)(1) of the act, FDA is required to publish in the **Federal Register**, a notice of each authorization, and each termination or revocation of an authorization, and an explanation of the reasons for the action. Section 564 of the act permits FDA to authorize the introduction into interstate commerce of a drug, device, or biological product intended for use in a declared emergency. Products appropriate for emergency use may include products and uses that are not approved, cleared, or licensed under sections 505, 510(k), and 515 of the act (21 U.S.C. 355, 360(k), and 360e) or section 351 of the Public Health Service Act (42 U.S.C. 262). FDA may issue an EUA only if, after consultation with the National Institutes of Health and CDC (to the extent feasible and appropriate given the circumstances of the emergency), FDA<sup>1</sup> concludes: “(1) that an agent specified in a declaration of emergency can cause a serious or life-threatening disease or condition; (2) that, based on the totality of scientific evidence available to FDA, including data from adequate and well-controlled clinical trials, if available, it is reasonable to believe that: (A) the product may be effective in diagnosing, treating, or preventing—(1) such disease or condition; or (2) a serious or life-threatening disease or condition caused by a product authorized under Section 564, approved or cleared under this Act, or licensed under Section 351 of the PHS Act, for diagnosing, treating, or preventing such a disease or condition caused by such an agent; and (B) the known and potential benefits of the product, when used to diagnose, prevent, or treat such disease or condition, outweigh the known and potential risks of the product; (3) that there is no adequate, approved, and available alternative to the product for diagnosing, preventing, or treating such disease or condition; and (4) that such other criteria as the Secretary may by regulation prescribe are satisfied.”

No other criteria of issuance have been prescribed by regulation under section 564(c)(4) of the act. Because the statute is self-executing, FDA does not require regulations or guidance to implement the EUA authority. However, in the **Federal Register** of July 26, 2007 (72 FR 41083), FDA published a notice of availability of a guidance entitled

“Emergency Use Authorization of Medical Products” to provide more information for stakeholders and the public about the EUA authority and the agency’s process for the consideration of EUA requests.

##### II. EUA Request for Peramivir

On April 26, 2009, under section 564(b)(1)(C) of the act (21 U.S.C. 360bbb-3(b)(1)(C)), the then Acting Secretary determined that a public health emergency exists involving Swine Influenza A (now known as 2009-H1N1 influenza) that affects, or has the significant potential to affect, national security. The declaration has been renewed. On October 20, 2009, under section 564(b) of the act, and on the basis of such determination, the Secretary declared an emergency justifying the authorization of the emergency use of the antiviral peramivir, accompanied by emergency use information, subject to the terms of any authorization issued under 21 U.S.C. 360bbb-3(a). Notice of the declaration of the Secretary is published elsewhere in this issue of the **Federal Register**. On October 23, 2009, CDC requested and FDA issued the EUA for peramivir 200 mg/ 20 mL (10 mg/mL) single use vial manufactured for BioCryst for IV administration in certain adult and pediatric patients, accompanied by emergency use instructions, subject to the terms and conditions of the authorization.

##### III. Electronic Access

An electronic version of this document and the full text of the Authorizations are available on the Internet at <http://www.regulations.gov>.

##### IV. The Authorization

Having concluded that the criteria for issuance of the Authorizations under section 564(c) of the act are met, FDA has authorized the emergency use of peramivir 200 mg/ 20 mL (10 mg/mL) single use vial manufactured for BioCryst for IV administration in certain adult and pediatric patient, accompanied by emergency use information, subject to the terms and conditions of the authorization.

The Authorization for peramivir 200 mg/ 20 mL (10 mg/mL) single use vial manufactured for BioCryst for IV administration follows and provides an explanation of the reasons for its issuance, as required by section 564(h)(1) of the act:

<sup>1</sup> The Secretary has delegated her authority to issue an EUA under section 564 of the act to the Commissioner of Food and Drugs.

October 23, 2009

Thomas R. Frieden, MD, MPH  
Director  
Centers for Disease Control and Prevention  
1600 Clifton Rd, MS D-14  
Atlanta, GA 30333

Dear Dr. Frieden:

This letter is in response to your request that the Food and Drug Administration (FDA) issue an Emergency Use Authorization (EUA) for the emergency use of the unapproved drug peramivir administered intravenously for treatment of 2009 H1N1 influenza virus (hereafter "2009 H1N1") in certain adult and pediatric patients, pursuant to section 564 of the Federal Food, Drug, and Cosmetic Act (the Act) (21 U.S.C. § 360bbb-3).

On April 26, 2009, pursuant to section 564(b)(1)(C) of the Act (21 U.S.C. § 360bbb-3(b)(1)(C)), the then Acting Secretary of the Department of Health and Human Services (DHHS) determined that a public health emergency exists involving Swine Influenza A (now referred to as "2009 H1N1") that affects or has significant potential to affect national security. The Secretary has renewed the determination. Pursuant to section 564(b) of the Act (21 U.S.C. § 360bbb-3(b)), and on the basis of such determination, the Secretary of DHHS declared an emergency justifying the authorization of the emergency use of the antiviral peramivir, accompanied by emergency use information, subject to the terms of any authorization issued under section 564(a) of the Act (21 U.S.C. § 360bbb-3(a)).

Having consulted with the Centers for Disease Control and Prevention (CDC) and the National Institutes of Health (NIH), and having concluded that the criteria for issuance of this authorization under section 564(c) of the Act (21 U.S.C. § 360bbb-3(b)) are met, I am authorizing the emergency use of peramivir<sup>1</sup> administered intravenously for treatment of 2009 H1N1 in certain adult and pediatric patients, subject to the terms of this authorization.

#### **I. Criteria for Issuance of Authorization**

I have concluded that the emergency use of peramivir administered intravenously for treatment of 2009 H1N1 in certain adult and pediatric patients meets the criteria for issuance of an authorization under section 564(c) of the Act, because I have concluded that:

- (1) 2009 H1N1 can cause influenza, a serious or life-threatening disease or condition;
- (2) based on the totality of scientific evidence available to FDA, it is reasonable to believe that peramivir may be effective when administered intravenously for the treatment of 2009 H1N1 in certain adult and pediatric patients, and that the known and potential benefits of peramivir, when administered intravenously for the treatment of 2009 H1N1 in certain adult and pediatric patients, outweigh the known and potential risks of peramivir; and
- (3) there is no adequate, approved, and available alternative to the emergency use of peramivir administered intravenously for the treatment of 2009 H1N1 in certain adult and pediatric patients.<sup>2</sup>

Therefore, I have concluded that the emergency use of peramivir administered intravenously for the treatment of 2009 H1N1 in certain adult and pediatric patients meets the above statutory criteria for issuance of an authorization.

#### **II. Scope of Authorization**

I have concluded, pursuant to section 564(d)(1) of the Act, that the scope of this authorization is limited to the emergency use of authorized peramivir for the treatment of 2009 H1N1 in certain adult and pediatric patients. The emergency use of authorized peramivir under this EUA must be consistent with, and may not exceed, the terms of this letter, including the scope and the conditions of authorization set forth below.

Peramivir (a neuraminidase inhibitor) is an unapproved drug that it is currently being studied in clinical investigations. Peramivir is not currently approved by FDA for any use in the United States.

*The authorized peramivir is as follows:*

- Peramivir injection: 200mg/20mL (10 mg/mL) single use vial manufactured for BioCryst Pharmaceuticals, Inc. (BioCryst). (See Section IV.D.3. of this letter).

1. The above peramivir product is authorized only for intravenous (IV) administration.

2. The above peramivir product is authorized for the treatment of certain patients with suspected or laboratory confirmed 2009 H1N1 infection or infection due to nonsubtypable influenza A virus suspected to be 2009 H1N1 based on community epidemiology. Specifically, the peramivir product is authorized *only* for the following patients who are admitted to a hospital and under the care or consultation of a licensed clinician (skilled in the diagnosis and management of patients with potentially life-threatening illness and the ability to recognize and manage medication-related adverse events):

- a. Adult patients for whom therapy with an IV agent is clinically appropriate, based upon one or more of the following reasons:
  - (i) patient not responding to either oral or inhaled antiviral therapy, or
  - (ii) drug delivery by a route other than IV (e.g., enteral oseltamivir or inhaled zanamivir) is not expected to be dependable or is not feasible, or
  - (iii) the clinician judges IV therapy is appropriate due to other circumstances.
- b. Pediatric patients for whom an IV agent is clinically appropriate because:
  - (i) patient not responding to either oral or inhaled antiviral therapy, or

- (ii) drug delivery by a route other than IV (e.g., enteral oseltamivir or inhaled zanamivir) is not expected to be dependable or is not feasible).

3. The above peramivir product may only include product distributed from Strategic National Stockpile (SNS), in which case such product is authorized only to be labeled with the attached label.

4. The above peramivir product is authorized to be accompanied by the following written information pertaining to the emergency use, which is attached and authorized to be made available to health care providers and patients (and parents/caregivers):

- Fact Sheet for Health Care Provider
- Fact Sheet for Patients and Parents/Caregivers

CDC, hospitals, and health care providers receiving authorized peramivir are also authorized to make available additional written information relating to the emergency use of authorized peramivir that is consistent with and does not exceed the terms of this letter of authorization (including the above referenced facts sheets).

I have concluded, pursuant to section 564(d)(2) of the Act, that it is reasonable to believe that the known and potential benefits of authorized peramivir, when used for the treatment of H1N1 in certain adult and pediatric patients, outweigh the known and potential risks of such product.

I have concluded, pursuant to section 564(d)(3) of the Act, based on the totality of scientific evidence available to FDA, that it is reasonable to believe that the authorized peramivir may be effective for the treatment of 2009 H1N1 in certain adult and pediatric patients pursuant to section 564(c)(2)(A) of the Act. FDA has reviewed the scientific information available, including the information supporting the conclusions described in Section I of this letter above, and concludes that the authorized peramivir when used for the treatment of 2009 H1N1 in certain adult and pediatric patients, meets the criteria set forth in section 564(c) of the Act concerning safety and potential effectiveness.

Subject to the terms of this EUA and under the circumstances set forth in the Secretary of DHHS's determination under section 564(b)(1)(C) described above and the Secretary of DHHS's corresponding declaration under section 564(b)(1), the peramivir described above is authorized for the treatment of 2009 H1N1 in certain adult and pediatric patients.

This EUA will cease to be effective when the declaration of emergency is terminated under section 564(b)(2) of the Act or when the EUA is revoked under section 564(g) of the Act.

### III. Current Good Manufacturing Practice

This letter covers authorized peramivir as previously manufactured for BioCryst as of the date of this letter as well as authorized peramivir that may be manufactured for BioCryst after such date, insofar as FDA has determined that the methods used in, and the facilities and controls used for, the manufacturing, processing and packing of authorized peramivir are adequate to preserve its identity, strength, quality and purity.

Authorized peramivir should be held in accordance with its labeled and appropriate product storage conditions (ambient temperature, 15°C-30°C or 59°F-86°F). However, in order to ensure the delivery and availability of authorized peramivir, I am waiving current good manufacturing practice (CGMP) requirements with respect to proper storage conditions of temperature during the shipment and holding of authorized peramivir by CDC and/or its designees for a maximum of 90 days (consecutive or non-consecutive) from the date of shipment to CDC and/or its designees. Significant excursions from labeled storage conditions should be documented to the extent practicable given the circumstances of the emergency, and need not be supported by additional testing by CDC or its designees.?

### IV. Conditions of Authorization

Pursuant to section 564 of the Act, I am establishing the following conditions on this authorization:

#### A. CDC

A.1. CDC will decide how authorized peramivir will be distributed under its direction to Hospitals upon request by licensed treating clinicians at the Hospitals to the extent such decisions are consistent with and do not exceed the terms of this letter; except that CDC will ensure that authorized peramivir will be distributed to Hospitals as soon as possible within 24 hours of CDC's decision to distribute such product, to the extent practicable given the circumstances of the emergency.

A.2. CDC will maintain adequate records regarding distribution under its direction of authorized peramivir (i.e., lot numbers, quantity, receiving site, receipt date, unique identifier(s) (e.g., Peramivir Request number(s))).

A.3. CDC will notify FDA on a weekly basis (unless otherwise specified by FDA) of the quantity of and to which Hospitals authorized peramivir is distributed under its direction. CDC will also include in the notification the unique identifier(s) (e.g., Peramivir Request number(s)).

A.4. CDC will ensure that authorized peramivir is distributed for use under its direction only within the expiry dates identified by FDA. CDC will inform Hospitals receiving authorized peramivir under its direction of the expiry dates by which authorized peramivir is to be used if authorized peramivir is nearing expiry. CDC will maintain adequate records regarding the expiry dates by which authorized peramivir is to be used.

A.5. CDC will ensure that Hospitals receiving authorized peramivir under its direction are informed of this letter, including the terms and conditions as well as any authorized amendments thereto.

- A.6. CDC will make available through appropriate means to the Hospitals receiving authorized peramivir under its direction the authorized Fact Sheet for Health Care Providers and Fact Sheet for Patients and Parents/Caregivers as well as any authorized amendments thereto.
- A.7. CDC will perform adverse event monitoring and compliance activities (e.g., follow-up surveys) designed: (1) to ensure that selected adverse events and all medication errors associated with the use of authorized peramivir are reported to FDA as follows: the MedWatch FDA Form 3500 must be completed either online at [www.fda.gov/medwatch/report.htm](http://www.fda.gov/medwatch/report.htm) or by using a postage-paid FDA Form 3500 (available at [http://www.fda.gov/medwatch/safety/FDA-3500\\_fillable.pdf](http://www.fda.gov/medwatch/safety/FDA-3500_fillable.pdf)) and returning by fax (1-800-FDA-0178) or by mail (MedWatch, 5600 Fishers Lane, Rockville, MD 20852-9787). If there is no online internet access such reports must be made by calling 1-800-FDA-1088; (2) to ensure that such reports include in the description section of the MedWatch Form 3500 the words "Peramivir EUA" and include unique identifier(s) (e.g., Peramivir Request number(s)), and (3) to ensure that such reports are made within seven calendar days from the onset of the event. CDC will report such information to FDA upon request.
- A.8. CDC will only make available additional written information relating to the emergency use of authorized peramivir to the extent that it is consistent with and does not exceed the terms of this letter (including the facts sheets referenced in Section II of this letter).
- A.9. CDC will make available to FDA upon request any records maintained in connection with this letter.

#### **B. Hospitals to Which Authorized Peramivir is Distributed**

- B.1. Such Hospitals will make available through appropriate means to relevant health care providers this letter, including the terms and conditions as well as any authorized amendments thereto.
- B.2. Such Hospitals will make available through appropriate means to relevant health care providers and patients and/or parents/caregivers the authorized Fact Sheet for Health Care Providers and Fact Sheet for Patients and Parents/Caregivers as well as any authorized amendments thereto.
- B.3. Such Hospitals will ensure that relevant health care providers abide by the institutional procedures regarding drug accountability. Such Hospitals will maintain adequate records showing receipt, use, and disposition of authorized peramivir.
- B.4. Such Hospitals will ensure that the emergency use of authorized peramivir is limited to patients who are under the care or consultation of a licensed clinician (e.g., skilled in the diagnosis and management of patients with systemic illness, including recognition and management of medication-related adverse events).
- B.5. Such Hospitals will conduct any follow-up requested by FDA and/or CDC regarding medication errors and adverse events.
- B.6. Such Hospitals will only make available additional written information relating to the emergency use of authorized peramivir to the extent that it is consistent with and does not exceed the terms of this letter of authorization (including the facts sheets referenced in Section II of this letter).
- B.7. Such Hospitals will make available to FDA and/or CDC upon request any records maintained in connection with this letter. Upon request, such Hospitals will report to FDA and/or CDC information with respect to the emergency use of authorized peramivir.

#### **C. Health Care Providers Conducting Activities With Respect to Authorized Peramivir<sup>3</sup>**

- C.1. Health Care Providers will be aware of this letter, including the terms and conditions as well as any authorized amendments thereto. Health Care Providers will read the Fact Sheet for Health Care Providers, including the sections on Mandatory Requirements for Peramivir Administration Under Emergency Use Authorization and Considerations Prior to Peramivir Use Under EUA as well as any amendments thereto. (See Fact Sheet for Health Care Providers).
- C.2. Health Care Providers prescribing and/or administering authorized peramivir will ensure that the authorized Fact Sheet for Patients and Parents/Caregivers, as well as any authorized amendments thereto, have been made available to patients and/or parents/caregivers through appropriate means. Such Health Care Providers (to the extent practicable given the circumstances of the emergency) will document in the patient's medical record that: (a) patients/caregivers have been given the Fact Sheet for Patients and Parents/Caregivers, (b) patients/caregivers have been informed of the alternatives to receiving authorized peramivir, and (c) patients/caregivers have been informed that peramivir is an unapproved drug that is authorized for use under Emergency Use Authorization.
- C.3. Prescribing Health Care Providers (or their designees) will ensure that: (1) selected adverse events and all medication errors associated with the use of authorized peramivir are reported as follows: the MedWatch FDA Form 3500 must be completed either online at [www.fda.gov/medwatch/report.htm](http://www.fda.gov/medwatch/report.htm) or by using a postage-paid FDA Form 3500 (available at [http://www.fda.gov/medwatch/safety/FDA-3500\\_fillable.pdf](http://www.fda.gov/medwatch/safety/FDA-3500_fillable.pdf)) and returning by fax (1-800-FDA-0178) OR by mail (MedWatch, 5600 Fishers Lane, Rockville, MD 20852-9787). If there is no online internet access such reports must be made by calling 1-800-FDA-1088; (2) that such reports include in the description section of the MedWatch Form 3500 the words "Peramivir EUA" and include unique identifier(s); and (3) that such reports are made within seven calendar days from the onset of the event. Such Health Care Providers or their designees will conduct any follow-up requested by FDA and/or CDC.
- C.4. Health Care Providers will prescribe and/or administer authorized peramivir only for the treatment of certain patients with suspected or laboratory confirmed 2009 H1N1 infection or infection due to nonsubtypable influenza A virus suspected to be 2009 H1N1 based on community epidemiology. Specifically, peramivir is authorized only for the following patients who are admitted to a hospital and under the care or consultation of a licensed clinician (skilled in the diagnosis and management of patients with potentially life-threatening illness and the ability to recognize and manage medication-related adverse events):

- a. Adult patients for whom therapy with an IV agent is clinically appropriate, based upon one or more of the following reasons:
  - (i) patient not responding to either oral or inhaled antiviral therapy, or
  - (ii) drug delivery by a route other than IV (e.g., enteral oseltamivir or inhaled zanamivir) is not expected to be dependable or is not feasible, or
  - (iii) the clinician judges IV therapy is appropriate due to other circumstances.
- b. Pediatric patients for whom an IV agent is clinically appropriate because:
  - (i) patient not responding to either oral or inhaled antiviral therapy, or
  - (ii) drug delivery by a route other than IV (e.g., enteral oseltamivir or inhaled zanamivir) is not expected to be dependable or is not feasible).

C.5. Health Care Providers will ensure that patients with known or suspected renal insufficiency have creatinine clearance determined prior to peramivir dose calculation and first administration. (See Fact Sheet For Health Care Providers; Dosage and Administration for Impaired Renal Function Dosing).

C.6. Health Care Providers prescribing and/or administering authorized peramivir will ensure that patients with history of severe allergic reaction to any other neuraminidase inhibitor (zanamivir or oseltamivir) or any ingredient of peramivir will not receive authorized peramivir. (See Fact Sheet for Health Care Providers; Product Description.)

C.7. Health Care Providers will only make available additional written information relating to the emergency use of authorized peramivir to the extent that it is consistent with and does not exceed the terms of this letter of authorization (including the facts sheets referenced in Section II of this letter).

C.8. Health Care Providers will make available to FDA and/or CDC upon request any records maintained in connection with this letter. Upon request, Health Care Providers will report to FDA and/or CDC information with respect to the emergency use of authorized peramivir.

#### D. BioCryst

D.1. BioCryst will post on its website the following statement: "For information about the FDA-authorized emergency use of peramivir, please see [www.cdc.gov/h1n1flu/eua](http://www.cdc.gov/h1n1flu/eua)."

D.2. BioCryst will distribute authorized peramivir only to CDC and/or its designees subject to the terms and conditions of this letter.

D.3. BioCryst will contact FDA concerning the need for any FDA review and approval before any changes are made to the manufacturing, packaging, and labeling processes authorized as of the date of this letter.

D.4. BioCryst (or anyone acting on behalf of BioCryst) will not represent authorized peramivir in a promotional context or otherwise promote authorized peramivir.

D.5. BioCryst will make available to FDA and (as reasonably appropriate) CDC upon request any records maintained in connection with this letter. Upon request, BioCryst will report to FDA and/or (as reasonably appropriate) CDC information with respect to the emergency use of authorized peramivir.

The emergency use of authorized peramivir as described in this letter of authorization must comply with the conditions above and all other terms of this authorization.

#### V. Duration of Authorization

This EUA will be effective until the declaration of emergency is terminated under section 564(b)(2) of the Act or the EUA is revoked under section 564(g) of the Act.

Margaret A. Hamburg, M.D.  
Commissioner of Food and Drugs

<sup>1</sup> FDA is authorizing the emergency use of peramivir administered intravenously for treatment of 2009 H1N1 in certain adult and pediatric patients as described in the scope section of this letter (Section II of this letter). For ease of reference, this letter of authorization will also use the term "authorized peramivir."

<sup>2</sup> No other criteria of issuance have been prescribed by regulation under section 564(c)(4) of the Act.

<sup>3</sup> The activities with respect to authorized peramivir refer to requesting, preparing, prescribing, and/or administering authorized peramivir, unless otherwise specified.

Dated: October 26, 2009.

David Horowitz,

Assistant Commissioner for Policy.

[FR Doc. E9-26291 Filed 10-30-09; 8:45 am]

BILLING CODE 4160-01-S

#### DEPARTMENT OF HEALTH AND HUMAN SERVICES

##### National Institutes of Health

##### Government-Owned Inventions; Availability for Licensing

**AGENCY:** National Institutes of Health,  
Public Health Service, HHS.

**ACTION:** Notice.

**SUMMARY:** The inventions listed below are owned by an agency of the U.S. Government and are available for licensing in the U.S. in accordance with 35 U.S.C. 207 to achieve expeditious commercialization of results of federally-funded research and development. Foreign patent applications are filed on selected inventions to extend market coverage