



सत्यमेव जयते

**GOVERNMENT OF INDIA**  
**CENTRAL DRUGS STANDARD CONTROL**  
**ORGANISATION (Headquarter)**  
(Directorate General of Health Services)  
Ministry of Health & Family Welfare  
FDA Bhavan  
ITO, Kotla Road  
New Delhi - 110002 (Delhi)  
Phone No.: 91-11-23216367  
Fax No.: 91-11-23236973  
E-Mail : dci@nic.in

**File No. CT/24/000023**

To,

M/s. Pfizer Limited,  
The Capital, 1802/1901, Plot No. C-70 G Block,  
Bandra Kurla Complex, Bandra (E),  
Mumbai City (India) - 400051.

Sir,

With reference to your application No. GCT/CT04/FF/2024/41968 (GCT/23/24) dated 17-02-2024, please find enclosed herewith the permission in Form CT-06 for conduct of Phase 2/3 clinical trial titled, **“A Phase 2/3 Randomized, Multicenter Study of Osivelotor Administered Orally to Participants with Sickle Cell Disease and an Open-Label Pharmacokinetics Study in Pediatric Participants with Sickle Cell Disease” Protocol No.: C5351004 Amendment 06 Date 08-FEB-2024 with a total of up-to 33 subjects from India** under the provisions of New Drugs and Clinical Trial Rules, 2019

The permission granted by the Central Licensing Authority to conduct clinical trial shall be subject to following conditions, namely:-

- (i) **The recruitment should be done from multiple centers from states of Chattisgarh, Madhya Pradesh and North Eastern States;**
- (ii) **The Safety profile shall be submitted for review before recruitment of adolescent population.**
- (iii) Clinical trial at each site shall be initiated after approval of the clinical trial protocol and other related documents by the Ethics Committee of that site, registered with the Central Licencing Authority under rule 8;
- (iv) where a clinical trial site does not have its own Ethics Committee, clinical trial at that site may be initiated after obtaining approval of the protocol from the Ethics Committee of another trial site; or an independent Ethics Committee for clinical trial constituted in accordance with the provisions of rule 7:

Provided that the approving Ethics Committee for clinical trial shall in such case be responsible for the study at the trial site or the centre, as the case may be:

Provided further that the approving Ethics Committee and the clinical trial site or the bioavailability and bioequivalence centre, as the case may be, shall be located within the same city or within a radius of 50 kms of the clinical trial site;

- (v) in case an ethics committee of a clinical trial site rejects the approval of the protocol, the

**File No. CT/23/24-DCG(I)**

details of the same shall be submitted to the Central Licensing Authority prior to seeking approval of another Ethics Committee for the protocol for conduct of the clinical trial at the same site;

- (vi) the Central Licencing Authority shall be informed about the approval granted by the Ethics Committee within a period of fifteen working days of the grant of such approval;
- (vii) clinical trial shall be registered with the Clinical Trial Registry of India maintained by the Indian Council of Medical Research before enrolling the first subject for the trial;
- (viii) clinical trial shall be conducted in accordance with the approved clinical trial protocol and other related documents and as per requirements of Good Clinical Practices Guidelines and the provisions of these rules;
- (ix) status of enrolment of the trial subjects shall be submitted to the Central Licencing Authority on quarterly basis or as appropriate as per the duration of treatment in accordance with the approved clinical trial protocol, whichever is earlier;
- (x) six monthly status report of each clinical trial, as to whether it is ongoing, completed or terminated, shall be submitted to the Central Licencing Authority electronically in the SUGAM portal;
- (xi) in case of termination of any clinical trial the detailed reasons for such termination shall be communicated to the Central Licencing Authority within thirty working days of such termination;
- (xii) any report of serious adverse event occurring during clinical trial to a subject of clinical trial, shall, after due analysis, be forwarded to the Central Licencing Authority, the chairperson of the Ethics Committee and the institute where the trial has been conducted within fourteen days of its occurrence as per Table 5 of the Third Schedule and in compliance with the procedures as specified in Chapter VI;
- (xiii) in case of injury during clinical trial to the subject of such trial, complete medical management and compensation shall be provided in accordance with Chapter VI and details of compensation provided in such cases shall be intimated to the Central Licencing Authority within thirty working days of the receipt of order issued by Central Licencing Authority in accordance with the provisions of the said Chapter;
- (xiv) in case of clinical trial related death or permanent disability of any subject of such trial during the trial, compensation shall be provided in accordance with Chapter VI and details of compensation provided in such cases shall be intimated to the Central Licencing Authority within thirty working days of receipt of the order issued by the Central Licencing Authority in accordance with the provisions of the said Chapter;
- (xv) the premises of the sponsor including his representatives and clinical trial sites, shall be open for inspection by officers of the Central Licencing Authority who may be accompanied by officers of the State Licencing Authority or outside experts as authorised by the Central Licencing Authority, to verify compliance of the requirements of these rules and Good Clinical Practices Guidelines, to inspect, search and seize any record, result, document, investigational product, related to clinical trial and furnish reply to query raised by the said officer in relation to clinical trial;
- (xvi) where the new drug or investigational new drug is found to be useful in clinical development, the sponsor shall submit an application to the Central Licencing Authority for permission to import or manufacture for sale or for distribution of new drug in India, in accordance with Chapter X of these rules, unless otherwise justified;
- (xvii) the laboratory owned by any person or a company or any other legal entity and utilised by that person to whom permission for clinical trial has been granted used for research and development, shall be deemed to be registered with the Central Licensing Authority and may be used for test or analysis of any drug for and on behalf of Central Licensing Authority;
- (xviii) the Central Licencing Authority may, if considered necessary, impose any other condition in writing with justification, in respect of specific clinical trials, regarding the objective, design, subject population, subject eligibility, assessment, conduct and treatment of such specific clinical trial;

**File No. CT/23/24-DCG(I)**

- (xix) the sponsor and the investigator shall maintain the data integrity of the data generated during clinical trial.
- (xx) Merely granting permission to conduct the clinical trial with the Investigational Drug Product does not convey or imply that, based on the clinical trial study data generated with the investigational drug, permission to market this drug in the country will automatically be granted to you;
- (xxi) The permission to initiate clinical trial granted under rule 22 in form CT-06 or automatic approval under rule 23 in Form CT 4A shall remain valid for a period of **two years** from the date of its issue, unless extended by the Central Licencing Authority.

Yours faithfully,

(Dr. Rajeev Singh Raghuvanshi)  
Drugs Controller General (India)  
Central Licensing Authority  
Stamp

**FORM CT-06**  
(See rules 22,25,26,29 and 30)  
**PERMISSION TO CONDUCT CLINICAL TRIAL OF NEW DRUG OR**

**INVESTIGATIONAL NEW DRUG**

1. The Central Licensing Authority hereby permits **M/s. Pfizer Limited, The Capital, 1802/1901 Plot No. C-70 G Block, Bandra-Kurla Complex, Bandra (E), Mumbai City (India) – 400051 Telephone No.: 912266932000 FAX: 912226540274** to conduct clinical trial of the new drug or investigational new drug as per **Protocol No.: C5351004 Version No. Amendment Protocol Date 08-FEB-2024** in the below mentioned clinical trial sites [As per Annexure].-

2. Details of new drug or investigational new drug and clinical trial site [As per Annexure].

3. This permission is subject to the conditions prescribed in part A of Chapter V of the New Drugs and Clinical Trials Rules, 2019 under the Drugs and Cosmetics Act, 1940.

Place: New Delhi

Date \_\_\_\_\_

(Dr. Rajeev Singh Raghuvanshi)  
Drugs Controller General (India)  
Central Licensing Authority  
Stamp

**Note:** The permission to initiate clinical trial granted under rule 22 in form CT-06 shall remain valid for a period of **two years** from the date of its issue, unless extended by the Central Licencing Authority.

**Annexure:**

Details of new drug or investigational new drug:

<b>Names of the new drug or investigational new drug</b>	Osivelotor or PF 07940367 or GBT021601 Tablets Osivelotor or PF 07940367 or GBT021601 Tablets
<b>Therapeutic class:</b>	Hemoglobin polymerization inhibitor Hemoglobin polymerization inhibitor
<b>Dosage form:</b>	Tablets Tablets
<b>Composition:</b>	PF 07940367 or GBT021601=25.0000 milligram (mg) In House Specification Active Microcrystalline Cellulose=15.0000 milligram (mg) U.S.P.,Ph.Eur Inactive Microcrystalline Cellulose=4.1000 milligram (mg) U.S.P.,Ph.Eur Inactive Croscarmellose Sodium=0.8000 milligram (mg) U.S.P.,Ph.Eur Inactive Sodium Lauryl Sulfate =0.8000 milligram (mg) U.S.P.,Ph.EurInactive Colloidal Silicon Dioxide=0.8000 milligram (mg) U.S.P.,Ph.Eur Inactive Pregelatinized Starch =2.5000milligram (mg) U.S.P.,Ph.EurInactive Magnesium Stearate =1.1000milligram (mg) U.S.P.,Ph.EurInactive Polyvinyl Alcohol =40.0000%w/w U.S.P.,Ph.Eur Inactive Titanium Dioxide =21.6000%w/w U.S.P.,Ph.Eur Inactive Macrogol or PEG =20.2000%w/w U.S.P.,Ph.Eur Inactive Talc =14.8000 %w/w U.S.P.,Ph.Eur Inactive IronOxid Yellow =1.7800%w/w Any Other Pharmacopia Inactive Iron Oxide Red

**File No. CT/23/24-DCG(I)**

	<p>=1.6200 %w/w Any Other Pharmacopia Inactive</p> <p>PF 07940367 or GBT021601=100.0000 milligram (mg) InHouse Specification          Active Microcrystalline Cellulose=60.0000 milligram (mg) U.S.P., Ph.Eur          Inactive Microcrystalline Cellulose=16.5000 milligram (mg) U.S.P., Ph.Eur          Inactive Croscarmellose Sodium=3.0000 milligram (mg) U.S.P., Ph.Eur          Inactive Sodium Lauryl Sulfate =3.0000 milligram (mg) U.S.P., Ph.Eur Inactive          Colloidal Silicon Dioxide=3.0000 milligram (mg) U.S.P., Ph.Eur Inactive          Pregelatinized Starch =10.0000 milligram (mg) U.S.P., Ph.Eur Inactive          Magnesium Stearate =4.5000 milligram (mg) U.S.P., Ph.Eur Inactive Polyvinyl          Alcohol =40.0000 %w/w U.S.P., Ph.Eur Inactive Titanium Dioxide          =21.6000 %w/w U.S.P., Ph.Eur Inactive Macrogol or PEG =20.2000 %w/w          U.S.P., Ph.Eur Inactive Talc =14.8000 %w/w U.S.P., Ph.Eur Inactive Iron Oxide          Yellow =1.7800 %w/w Any Other Pharmacopia Inactive Iron Oxide Red          =1.6200 %w/w Any Other Pharmacopia Inactive</p>
<b>Indications:</b>	<p>Sickle Cell Disease</p> <p>Sickle Cell Disease</p>

**Annexure:**

Details of clinical trial site:

<b>Sr. No.</b>	<b>Names and address of clinical trial site</b>	<b>Ethics committee details</b>	<b>Name of investigator</b>
1.	Bhailal Amin General Hospital, Bhailal Amin Marg Gorwa Vadodara Gujarat - 39003	Anand Institutional Ethics Committee, Anand Multispecialty Hospital, Vadodara B TOWER SUNDARVAN COMPLEX, BESIDE IOCL PETROL PUMP NEAR GORWA ITI Vadodara Gujarat -390016, India.  ECR/725/Inst/GJ/2015/RR-21	Dr Seema Bhatwadeka
2.	Nirmal Hospital Pvt Ltd, Ring Road Surat Gujarat - 395002	Nirmal Hospital Pvt Ltd Ethics Committee, Nirmal Hospital Pvt Ltd, Ring Road, Surat, 395002, Gujarat, India.  ECR/390/Inst/GJ/2013/RR-19	Dr Hasmukh Balar
3.	All India Institute Medical Sciences, BHUBANESWAR SIJUA PATRAPADA DUMDUMA BHUBANESWAR Orissa - 751019	Institutional Ethics Committee, AIIMS Bhubaneswar, Sijua, Patrapada Dumduma -751019, ODISHA, INDIA  ECR/534/Inst/OD/2014/RR-20	Dr Ashutosh Panigrah

**File No. CT/23/24-DCG(I)**

4.	All India Institute Medical Sciences, Department of Hematology Room No 5017 5 <sup>th</sup> Floor Teaching Block New Delhi Delhi - 110029	Institute Ethics Committee, Old OT Block, Room No-102, Ansari Nagar, New Delhi- 110029, India  ECR/538/Inst/DL/2014/RR-20	Dr Tulika Seth
5.	Chopda Medicare and Research Centre Pvt. Ltd, Magnum Heart Institute 3 or 5 Patil Lane No 1 Laxmi Nagar Near KBH Vidyalaya Canada Corner Nashik Maharashtra - 422005	Magna-Care Ethics Committee, Chopda Medicare & Research Centre Pvt. Ltd; Magnum Heart Institute, Canada Corner, Nashik, Maharashtra-422005, India  ECR/79/Inst/MH/2013/RR-19	Dr Siddhesh Arun Kalantr

\*\*\*\*\*