SYNTHESIS AND CHARACTERIZATION OF 3β-(4-CHLOROBUTOXYL)-17-(PYRIDINE-3-YL)ANDROSTA-5-16-DIENE(O-(4-CHLOROBUTYL) ABIRATERONE

SUBMITTED By

GUMMADI ANIL

(Y18OCH102008)

Under the Supervision of

Dr.V.Sreeram, M.Sc, M.Phil, Ph.D.

DEPARTMENT OF CHEMISTRY (P.G)
A.G & S.G. Siddhartha Degree College, Vuyyuru



THE DISSERTATION SUBMITTED TO
KRISHNA UNIVERSITY, MACHILIPATNAM
IN PARTIAL FULFILMENT OF THE REQUIREMENTS FOR
THE DEGREE OF MASTER OF SCIENCE

MAY-2020

Adusumilli Gopalakrishnaiah & Sugarcane Growers Siddhartha

Degree College of Arts & Science, Vuyyuru-521165, Krishna Dt., A.P. AUTONOMOUS COLLEGE (Aided College of Govt. of Andhra Pradesh)

NAAC Grade: A grade, by NAAC, Bangalore

(Managed by : Siddhartha Academy of General & Technical Education, Vijayawada) [Regd. No.45 of 1975]

N. Venkateswarlu President

3

-3

Ph.No.: 08676-233267;FAX No.08676-233830 www.agsgsc.edu.in agsgsiddhartha@gmail.com

P. Lakshmana Rao Secretary & Correspondent S. Venkateswara Rao Treasurer

CERTIFICATE

This is to certify that the work incorporated in this M.Sc dissertation entitled CHARACTERIZATION OF AND "SYNTHESIS CHLOROBUTOXYL)-17-(PYRIDINE-3-YL)ANDROSTA-5-16-DIENE(O-(4-CHLOROBUTYL) ABIRATERONE" is a bonafied project work, carried out by of Mr. GUMMADI ANIL(Y180CH102008), M.Sc(Organic Chemistry) Student, registered with "Krishna University" under my supervision.

> Project Guide, Head,

PG Department of Chemistry

HEAD. Assistant Professor Dept. of Chemistry (P.G)

A.G & S.G. Siddhartha Degree College: VUYYURU-521 165, (Autonomous) Email: sreeramvenigalla2008@gmail.com

EXTERNAL EXAMINER

Laurus Labs Limited Plot No:19, 20 & 21, Western Sector, APSEZ, Atchutapuram, Visakhapatnam - 531011. Andhra Prodesh, India. +91 891 3072100 +91 891 3072102



Date: 21.03.2020

TO WHOM SOEVER IT MAY CONCERN

This is to certify that Mr.Gummadi Anil Roll No: Y18OCH102008, M.Sc., (4th Semester) student of AG & SGS College, Vuyyuru has completed his Project work in our Quality Control Department at Laurus Labs Limited, Plot No: 19, 20 & 21 APSEZ, Western Sector, Atchutapuram Visakhapatnam District during the period from 16.12.2019 to 31.03.2020. His character and conduct were found satisfactory.

For Laurus Labs Limited

MULLUCY

Meher Kumar K

Deputy.General Manager - HR

Registered Office: Plot No.21, Jawaharkil Nehru Pharma City, Parawada, Visakhapatham - 531021, Andhra Pradesh, India - CIN:: L24239AP 2005PLC047518 491 891 3061222 F+91 891 3061270 E intologuruslabs.com W louruslabs.com





DECLARATION

I hereby declare that the original project work embodied in this dissertation entitled "SYNTHESIS AND CHARACTERIZATION OF 3β-(4-CHLOROBUTOXYL)-17-(PYRIDINE-3-YL)ANDROSTA-5-16-DIENE(O-(4-CHLOROBUTYL) ABIRATERONE" submitted to "Krishna University" for the award of degree of Master of Science (M.Sc) in the Chemistry of the faculty of Organic Chemistry is the outcome of investigations carried out by me under the supervision of Dr.V.Sreeram, Head, PG Department of Chemistry. I declare that the work incorporated is original and due acknowledgment has been made where ever it is not so. The same has not been submitted elsewhere for any degree or diploma.

I also declare that I myself solely responsible for the genuineness of the findings/observations pertaining to these study in order to complete this dissertation.

G. Anil

GUMMADI ANIL

(Y18OCH102008)

Place: Vuyyuru

Date: