

***Synthesis of nitrogen containing analogues of 7-Hydroxy-4-Methyl-
benzopyrone-2-one & their possible medicinal utility***

A THESIS SUBMITTED IN PARTIAL FULFILLMENT
OF THE REQUIREMENTS FOR THE DEGREE OF

Master of Science

In

Chemistry

By

Ms. Sweta Maurya

Enrolment No.181127205012

Under The supervision of

Dr. TIRTH THAKER



**DEPARTMENT OF CHEMISTRY
PARUL INSTITUTE OF APPLIED SCIENCES,
PARUL UNIVERSITY, LIMDA-391760, VADODARA, GUJARAT, INDIA**

:Abstract:

3-amino analogues of 3-bromo-7-hydroxy-4-methyl-benzopyron-2H-one are synthesized by condensation of 3-bromo-7-hydroxy-4-methyl-chromen-2-one with aromatic amines such as m-nitro aniline & p-toludine. The title compounds subjected to microbial screening. They are highly active towards subjected antibacterial & antifungal activity.

Keywords: Condensation, 3-bromo-7-Hydroxy-4-methyl-chromen-2-one, antibacterial activity, antifungal activity, screening.