Dedication

..…… To my parents

…… My brothers

…… My sisters

Acknowledgement

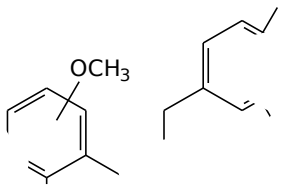
Firstly ,I thank Alla almighty who gave me health, strength and patience to complete this work . I would like to express my deep gratitude to my supervisor prof. Mohammed Abdel karim , for his guidance , support , valuable . comments and advice

I would like to express my sincere thanks to my family for . financial support

Finally , I would like to thank my friends for their moral support . and continuous encouragement

Abstract

The heartwood of *Terminalia brownii* was extracted with 95% ethanol at ambient temperature . Qualitative tests on the alcoholic extractives were negative for alkaloids, steroids and anthraquinones , .but positive for flavonoids , saponins and tannins
Fractionation of the alcoholic extract over silica gel using butanol : acetic acid : water (BAW) (5:2:6) gave a pure component - . compound I
The structure of compound I was deduced on the basis of its IR , UV , NMR and MS spectra and the following structure was . suggested



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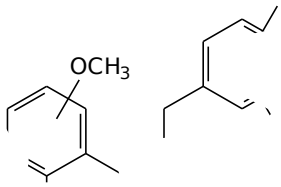

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