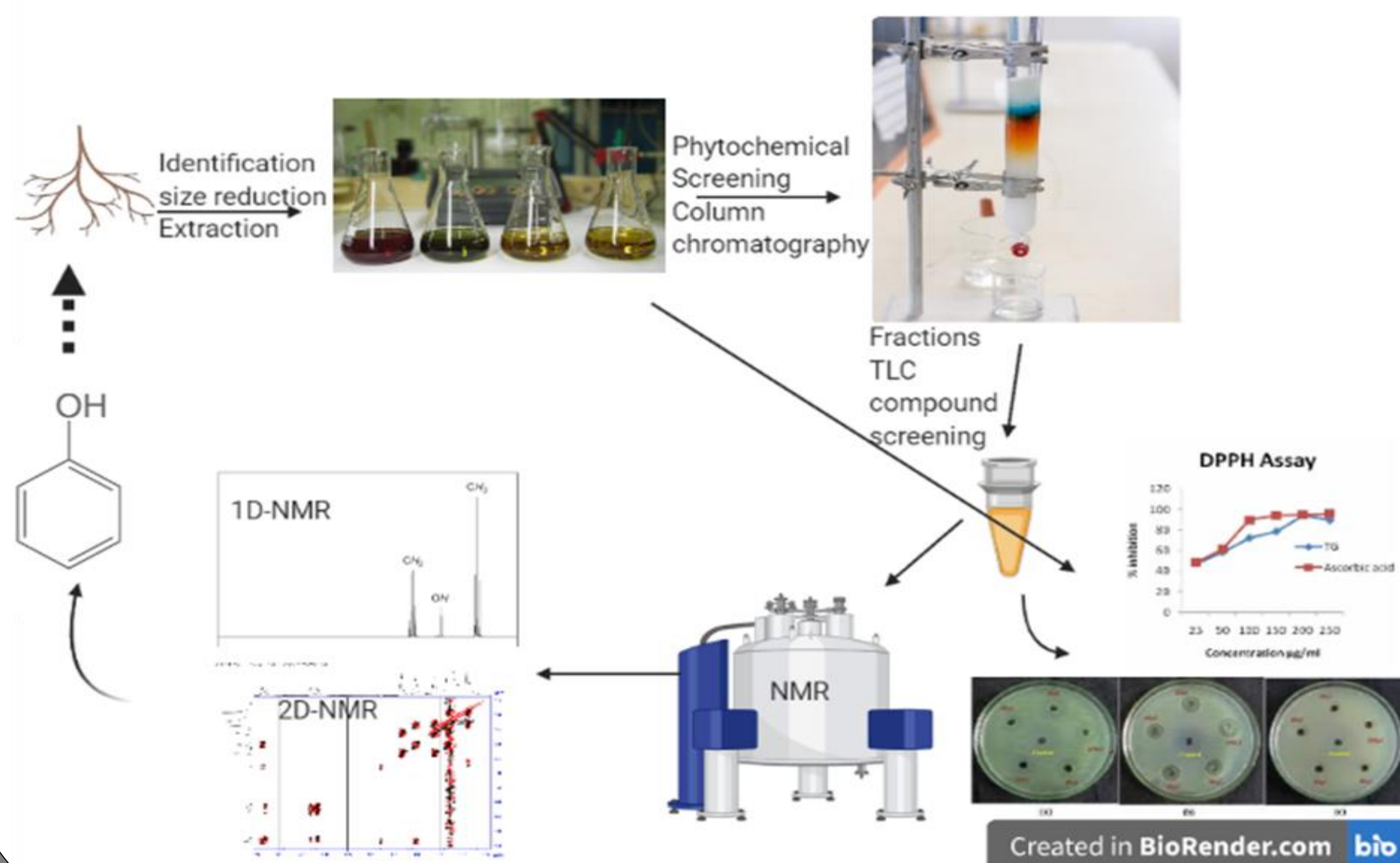




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OBJECTIVE

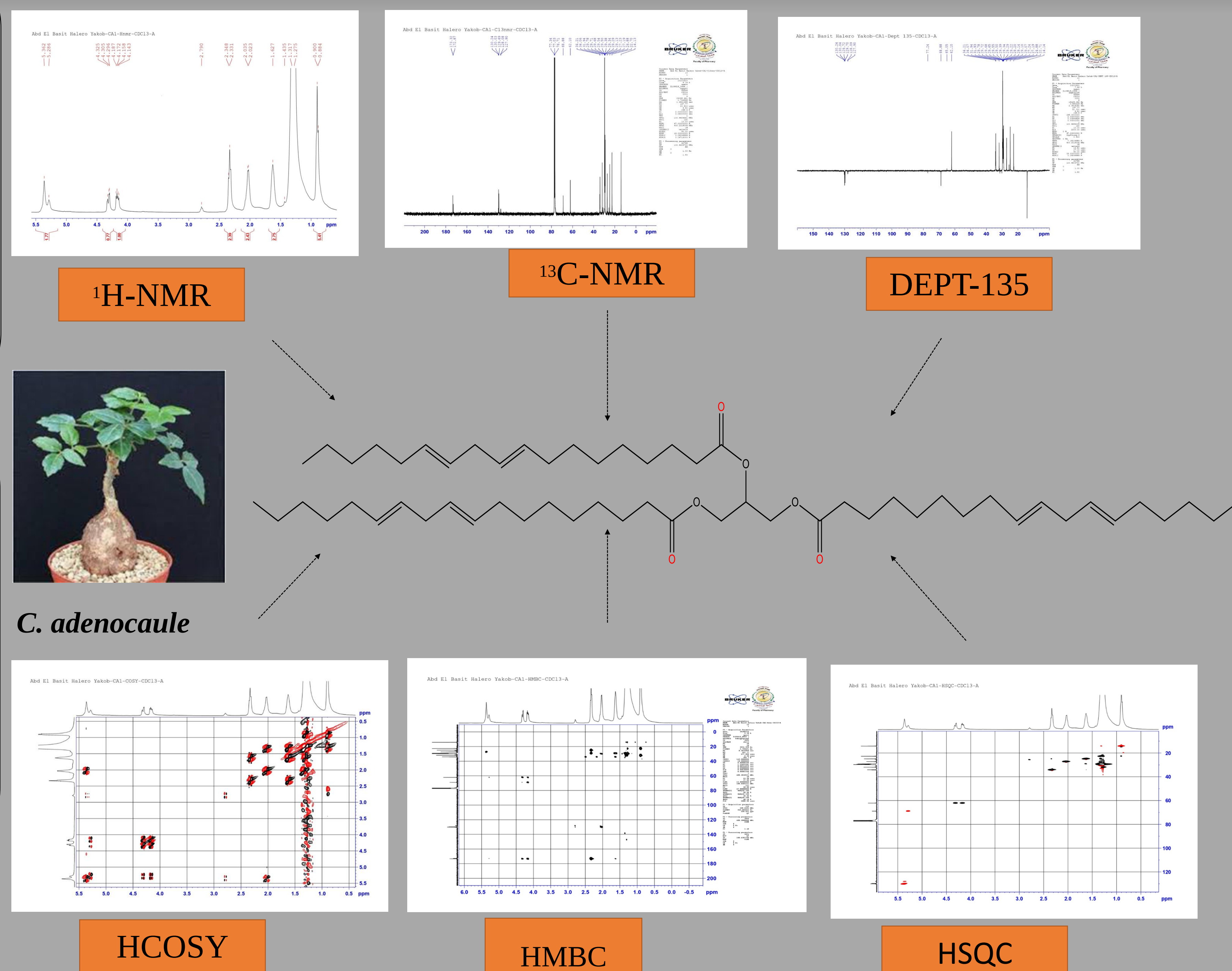
METHODOLOGY



SUMMARY

Trilinolein showed moderate activity against *Escherichia coli* and *Pseudomonas aeruginosa*; 12.5±0.12 and 13±0.91 at 100mg/mL respectively, but poor activity was recorded on *Staphylococcus aureus* and *Streptococcus epidermis* test organisms.

RESULTS



CONCLUSION

The results from this study add to the existing literature on *C. adeno-caule*, with scientific evidence into its biological properties and also reports for the first time, the presence and identification of a natural triglyceride, Trilinolein from the plant.

REFERENCES

- Akinwunmi *et al.*, 2015, 14(21): 1820-1827.**
- Bello *et al.*, 2019, 2, e00053.**
- Lie Ken Jie *et al.*, 1995, 78(1):1-13.**
- Mannina, *et al.*, 1999, 103(1–2): 47-55.**
- McKenzie & Koch 2004, 100(7–8): 349-354.**

ACKNOWLEDGEMENT

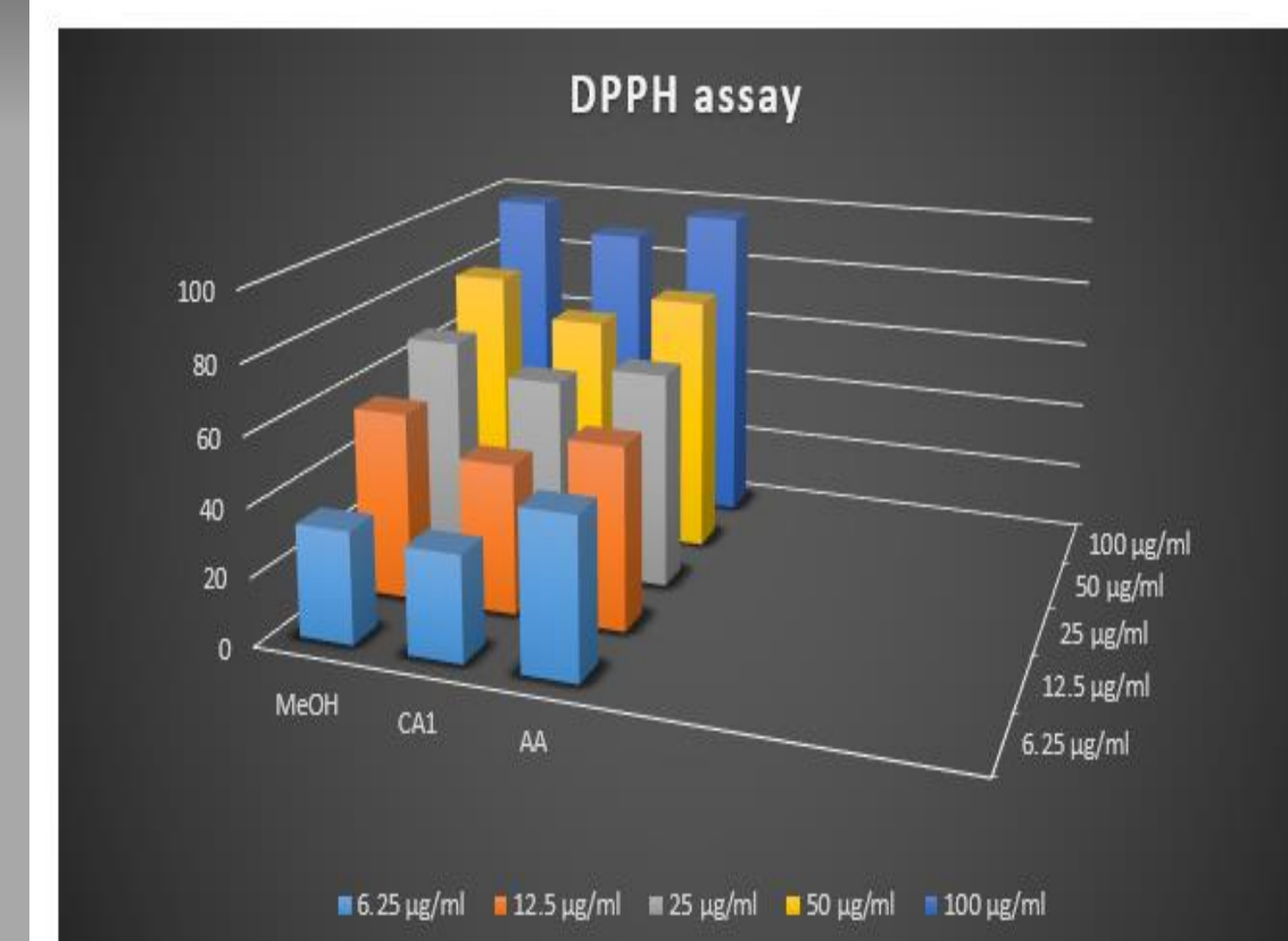


Fig 1: *In-vitro* antioxidant activity (DPPH assay) of *C. aduncula* MeOH extract and compound CA1 (Trilinolein)

Trilinolein
 $\text{C}_{57}\text{H}_{98}\text{O}_6$
 Glyceryl trilinoleate
 879.4 g/mol

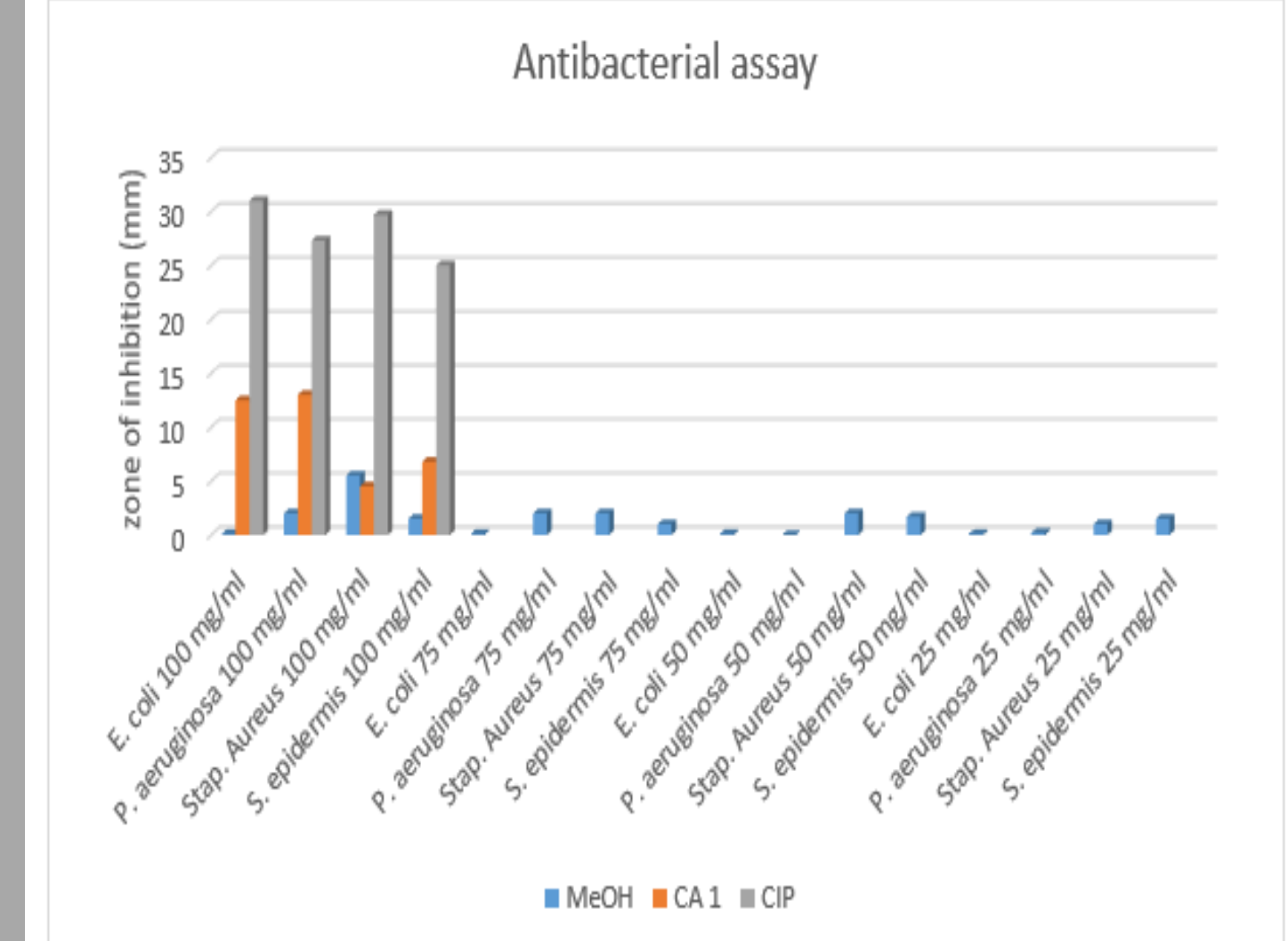


Fig 2: *In vitro* antimicrobial activity of *C. adenocaulle* MeOH extract and isolate (Trilinolein)