A NEW FURANODITERPENOID FROM A SRI LANKAN SOFT CORAL

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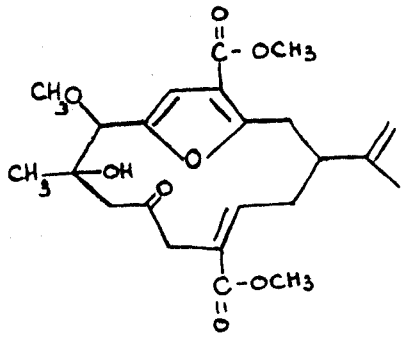
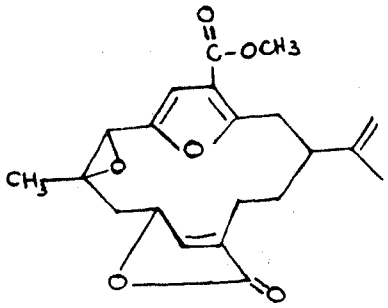
In continuing our work on Sri Lankan marine organisms, we have investigated an unidentified soft coral collected from Kalkudae, Batticaloa.

Repeated column chromatographic separation of the CH_2Cl_2 extract on silica gel gave a fraction containing one major compound. This fraction obtained was further purified by HPLC on silica gel in light petroleum - ethyl acetate (1:1) to obtain the major compound in pure form. On the basis of spectral data (^{1}H-NMR, ^{13}C -NMR, UV, IR and MS) the compound was identified as the furano diterpenoid(1).



(1)



(2)

This compound is more functionalized than Pukalide (2) the only related compound isolated from soft corals[1].

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References

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