



Sagitol C, a new cytotoxic pyridoacridine alkaloid from the sponge *Oceanapia* sp.

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Abstract:

A new pyridoacridine alkaloid named sagitol C (2) together with two known compounds; kuanoniamine C (1) and sagitol (3) were isolated from the EtOAc fraction of the Indonesian sponge *Oceanapia* sp. Their chemical structures were established on the basis of physical and spectroscopic methods 1D and 2D NMR, in addition to mass spectrometry and comparison with literature data. Sagitol C was found to exhibit cytotoxic activity when tested against different cancer cell lines

Keywords:

Oceanapia; Pyridoacridine alkaloid; Sagitol C; Cytotoxicity

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