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Antitrypanosomal activity of some pregnane glycosides isolated from *Caralluma* species.

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Pregnane glycosides previously isolated from genus *Caralluma* (*C. Penicillata*, *C. tuberculata* and *C. russelliana*) were tested for their antitrypanosomal activity. Penicilloside E showed the highest antitrypanosomal activity (IC(50) 1.01 microg/ml) followed by caratuberside C (IC(50) 1.85 microg/ml), which exhibited the highest selectivity index (SI 12.04). It was noticed that acylation is required for the antitrypanosomal activity while glycosylation at C-20 has no significant effect on the activity.

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