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(57) Abstract :

ABSTRACT: Title: Anti-arthritis Compound and its Making Process The present disclosure proposes a process of extracting a potent active marine anti-arthritis compound i.e., debromostevensine compound from *Stylissa Carteri* that is to be used for the treatment of anti-arthritis activity. The extracts were subjected to column chromatography for separation of pure compounds by gradient elution method and used for the treatment of anti-arthritis activity. Testing for an anti-arthritis activity is conducted by induction and evaluation collagen induced arthritis C57BL/6 strains or black mice with their response. The purified compound from *Stylissa Carteri* showed significant suppression of arthritis by reducing humoral and cell mediated responses. The results show that IL-6 inhibitor therapy is highly effective in suppressing the occurrence of Rheumatoid arthritis.

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