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(54) Title: A COMPLEX OF GARCINOL, CYCLODEXTRIN AND METHOD THEREOF

(57) Abstract: The present disclosure discloses a pharmaceutical molecule of Garcinol chemically complexed with cyclodextrins and the use of the complexed molecule in prevention and management of cardiac dysfunction induced by chemotherapy, drugs and/or other insults to the heart caused by lifestyle and disease conditions. The disclosure also relates to a method of extraction and purification of high yield of 95-99% pure Garcinol from *Garcinia* species and a method of chemically complexing Garcinol with cyclodextrins to improve its stability and bioavailability.