Title of Article: Inhibitory activity of *Detarium microcarpum* extract against hepatitis C virus.

Author(s): Olugbuyiro J.A.O, Moody J.O., Hamann M.T


Abstract: Bioassay guided fractionation of the methanolic extract of *Detarium microcarpum* Guill using VLC and activity against hepatitis C virus in the Huh-7 Replicon assay was done. The active fraction MTH-1700 which demonstrated good inhibitory and selective potency (83.87%) against Hepatitis C Virus and comparable with 86.76% of the control; RS-446(2-Me-C) at a concentration of 10 µM was further fractionated by HPLC.

Keywords: *Detarium microcarpum*; Anti-viral activity; Hepatitis; Cytotoxicity.