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Declaration

I hereby declare that the work incorporated in the present thesis entitled “Bio-prospecting natural products for the development of lead molecules” submitted for Ph.D. degree to the University of Kashmir has been carried out at Indian Institute of Integrative Medicine (CSIR), Srinagar, under the joint supervision of Dr K A Bhat (Scientist, IIIM, Srinagar) and Dr M A Khuroo (Department of Chemistry, University of Kashmir). The work embodied in this thesis is original and has not been submitted in part or full for any degree or diploma to this or any other University.

Dated: Shakeel-u-Rehman