*2.1. General*

Optical rotations were measured in LC grade methanol using a polarimeter (JASCO P-2000, 2967-5, Japan). The one-dimensional (1D) and two-dimensional (2D) NMR spectra were obtained by using a Bruker AVANCE spectrometer (Bruker, Billerica, MA, USA) (500 and 125 MHz for 1H, 13C; respectively). Chemical shift δ calculated in ppm, tetramethyl silane used as internal standard, were calculated basing on the residual solvent signal, and *J* scalar coupling constants are reported in Hertz (Hz). The ESI-MS experiments for the pure isolates (**1**-**10**) were measured on an Triple Quadrupole 6410 QQQ LC/MS mass spectrometer (Agilent, Santa Clara, CA, USA) with ESI ion source (gas temperature was 350° C, nebulizer pressure was 60 psi, and gas flow rate was 10 L/min), operating in the -ve/+ve ions scan modes of ionization through direct infusion method using CH3OHnH2O (1:1 v/v) at a flow rate of 0.6 mL/min. Column chromatography (CC) procedures were performed using silica gel (230–400 mesh, Merck, Germany), RP-18 (LiChroprep 25-40 µm, Merck, Germany), Sephadex LH-20 (25-100 µm, Merck, Germany). TLC method was performed by using aluminum precoated silica gel 60 F254 and RP-18 (Merck, Germany) TLC plates, and spots were visualized on exposure under UV light (short 254/ long 365 nm) and by spraying with ceric sulphate and thymol spraying reagents. Analytical grade solvents and reagents were purchased from Sigma-Aldrich (St. Louis, USA). Deuterated methanol (CD3OD-*d*4) and dimethyl sulfoxide (DMSO-*d*6) were obtained from Cambridge Isotope Laboratories (Tewksbury, USA). Methanol, dichloromethane, ethanol and *n*-butanol was purchased from Thermo Scientific (Rockford, USA). Formic acid, catechin, epicatechin and gallic acid was purchased from Sigma-Aldrich (St. Louis, USA). Millipore water (30ml) was obtained from Milli-Q Direct Water Purification System (Merck, Germany).

*2.2. Plant Material*

The aerial parts of *P. curviflorus* (900 gm) were collected in February 2019 from the South of Hijaz region of Saudi Arabia and identified by Dr. M. Atiqur Rahman (plant taxonomist) College of Pharmacy, King Saud University. A voucher specimen (No. #127) is kept in the herbarium of College of Pharmacy, King Saud University.