Steroidal galactoside 1 and aryl esters 2 and 3 have been isolated from Buddleja crispa, along with ginipin 4, gardiol 5, 1-heptacosanol 6, and methyl benzoate 7, isolated for the first time from this species. The structures of all of the compounds were determined by spectroscopic techniques and chemical studies. The steroidal galactoside 1 is an inhibitor of lipoxygenase. Compounds 1–3 displayed inhibitory activity against butyrylcholinesterase, while compounds 2 and 3 further showed inhibition against acetylcholinesterase.

Key words: Buddleja crispa, Buddlejaceae, Steroid Galactoside, Aryl Esters, Enzyme Inhibition