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Declarations under Rule 4.17:

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(54) Title: COMPOSITION COMPRISING XANTHOCERAS SORBIFOLIA EXTRACTS, COMPOUNDS ISOLATED FROM SAME, METHODS FOR PREPARING SAME AND USES THEREOF

(57) Abstract: This invention provides compositions, methods and process of producing extracts from Xanthoceras sorbifolia. The extract comprises alkaloids, coumarins, saccharides, proteins, polysaccharides, glycosides, saponins, tannins, acid, flavonoids and others. The composition can be used for anti-cancer, preventing cerebral aging, improving memory, improving cerebral functions and curing enuresis, frequent micturition, urinary incontinence, dementia, weak intelligence and Alzheimer's disease, autism, brain trauma, Parkinson's disease and other diseases caused by cerebral dysfunctions, and treating arthritis, rheumatism, poor circulation, arteriosclerosis, Raynaud's syndrome, angina pectoris, cardiac disorder, coronary heart disease, headache, dizziness, kidney disorder and treating impotence and premature ejaculation. This invention provides compounds comprise a sugar, terpenes, such as Sapogenin, and a side chains at Carbon 21 and 22, such as Angeloyl groups. The compounds of the present have various pharmaceutical and therapeutic applications.



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