

Analysis of Biological Activity on anthocyanin from berries

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Anthocyanins are antioxidants to eliminate free radicals commonly used agents. This study acaiberry, blueberry, and anthocyanins extracted from the mulberry was to analyze the physiological activity. Use the anthocyanins extracted from berries each analyzed antioxidant activity and cytotoxicity. Experimental method, DPPH radical scavenging activity, Total polyphenol content, ABTs radical scavenging activity, Nitric oxide free radical scavenging activity, Superoxide Dismutase-like Activity, there is a MTT assay. Acaiberry, blueberry, mulberry, respectively scavenging activity of 96.99%, 92.21%, 89.28% higher than in the positive control BHT. At this time, the concentration of the sample was used as a 62.5 ~ 1000 mg/ml. These berries according to the physiological activity results can be seen that has a bioactive.