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Oleuropein Protects Intracerebral Hemorrhage-induced Disruption of Blood-brain Barrier through Alleviation of Oxidative Stress

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Running title: Oleuropein, a promising therapeutic agents for ICH

ABSTRACT

Background Intracerebral hemorrhage (ICH) as a devastating form of stroke has remained a public health threat due to lack of FDA-approved therapy. Oxidative stress originated from blood cell degradation products plays a crucial role in the ICH pathogenesis. In this study we evaluated oleuropein, a potent natural antioxidant from olive, in a well-established rat ICH model from overall symptoms to detailed molecular mechanism.

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