Loganin is an iridoid glucoside found in the Cornus officinalis plant. Loganin displays anti-inflammatory, antioxidative, cognition enhancing, and neuroprotective activities. Loganin inhibits β-secretase in vitro and increases performance in Morris water maze and Y-maze tests in vivo, suggesting potential benefit in memory impairment and Alzheimer’s disease. This compound also modulates ERK signaling to decrease connective tissue growth factor and downregulates expression of MCP-1, NF-κB, and iNOS in animal models.

References


Caution: This product is intended for laboratory and research use only. It is not for human or drug use.