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An isoflavonoid-enriched extract from *Pueraria lobata* (kudzu) root protects human umbilical vein endothelial cells against oxidative stress induced apoptosis

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Abstract

Ethnopharmacological relevance

Reactive oxygen species (ROS) mediate vascular cell dysfunction and lead to atherosclerosis and other chronic cardiovascular diseases. The root of *Pueraria lobata* (Willd.) Ohwi, also known as kudzu or Gegen (Chinese name), is one of the most important herbs in traditional Chinese medicine and has been widely used in the treatment of cardiovascular diseases, diabetes, osteonecrosis and neurodegradation diseases. In this study, an ethanol extract from kudzu root was prepared and the *in*

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