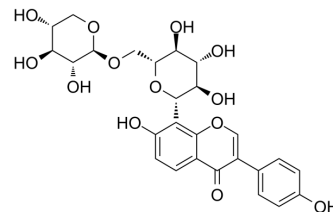


Puerarin 6''-O-Xyloside

Cat. No.:	HY-N2135
CAS No.:	114240-18-5
Molecular Formula:	C ₂₆ H ₂₈ O ₁₃
Molecular Weight:	548.49
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Puerarin 6''-O-Xyloside, isolated from radix of *Pueraria lobata* (Willd.), possesses anti-osteoporotic and anti-tumor activity. Puerarin 6''-O-Xyloside induces the mitochondria-mediated apoptosis pathway.^{[1][2]}

REFERENCES

[1]. Li H, et al. Anti-osteoporotic activity of puerarin 6''-O-xyloside on ovariectomized mice and its potential mechanism. *Pharm Biol.* 2016;54(1):111-7.

[2]. Chen T, et al. In vitro and in vivo antitumour activities of puerarin 6''-O-xyloside on human lung carcinoma A549 cell line via the induction of the mitochondria-mediated apoptosis pathway. *Pharm Biol.* 2016 Sep;54(9):1793-9.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA