
Product Data Sheet

Product Name: Puerarin 6''-O-Xyloside

Cat. No.: GC37038

Chemical Properties

Cas. No. 114240-18-5

SMILES OC1=CC=C2C(OC=C(C3=CC=C(O)C=C3)C2=O)=C1[C@@H]([C@@H]([C@@H](O)[C@@H]4O)O)[C@@H]4CO[C@H](OC[C@@H](O)[C@@H]5O)[C@@H]5OFormula C₂₆H₂₈O₁₃ M.Wt 548.49

Solubility DMSO : 100 mg/mL (182.32 mM; Need ultrasonic) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

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].

[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.

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