

4'-Methoxypuerarin

Chemical Properties

CAS No. : 92117-94-7

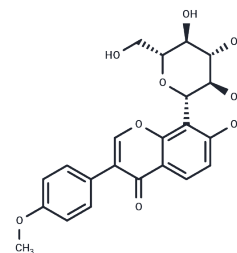
Formula: C₂₂H₂₂O₉

Molecular Weight: 430.4

Storage: Store at low temperature, Keep away from direct sunlight

Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	4'-Methoxypuerarin is a natural product isolated from Pueraria lobata.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 22.5 mg/mL (52.28 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (4.65 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3234 mL	11.6171 mL	23.2342 mL
5 mM	0.4647 mL	2.3234 mL	4.6468 mL
10 mM	0.2323 mL	1.1617 mL	2.3234 mL
50 mM	0.0465 mL	0.2323 mL	0.4647 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Sun Y G , Wang S S , Feng J T , et al. Two new isoflavone glycosides from Pueraria lobata[J]. Journal of Asian Natural Products Research, 2008, 10(7-8):729-733.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481