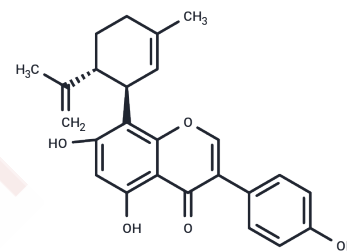


## Ficusin A

## Chemical Properties

CAS No. :	173429-83-9
Formula:	C <sub>25</sub> H <sub>24</sub> O <sub>5</sub>
Molecular Weight:	404.46
Storage:	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	Ficusin has antioxidant, antilipidemic and antidiabetic effects, it can lower the levels of fasting blood glucose, plasma insulin, body weight gain in HFD-STZ induced diabetic rats, and can significantly enhance the PPAR $\gamma$ expression and improve the translocation and activation of GLUT4 in the adipose tissue, suggests that ficusin improves the insulin sensitivity on adipose tissue and it can be used for the treatment of obesity related type 2 diabetes mellitus.
Targets(IC50)	PPAR, transporter

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4724 mL	12.3622 mL	24.7243 mL
5 mM	0.4945 mL	2.4724 mL	4.9449 mL
10 mM	0.2472 mL	1.2362 mL	2.4724 mL
50 mM	0.0494 mL	0.2472 mL	0.4945 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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