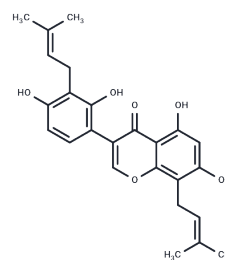


## 2'-Hydroxyisolupalbigenin

## Chemical Properties

CAS No. :	121747-94-2
Formula:	C <sub>26</sub> H <sub>26</sub> O <sub>6</sub>
Molecular Weight:	422.47
Storage:	Keep away from direct sunlight, Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	2'-Hydroxyisolupalbigenin is an isopentenyl isoflavone that can be isolated from licorice ( <i>Glycyrrhiza uralensis</i> ) and white lupine ( <i>Kievskij Mutant</i> ). 2'-Hydroxyisolupalbigenin exhibits PTP1B inhibitory activity, with an IC <sub>50</sub> of 0.31-0.97 μM.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.367 mL	11.8352 mL	23.6703 mL
5 mM	0.4734 mL	2.367 mL	4.7341 mL
10 mM	0.2367 mL	1.1835 mL	2.367 mL
50 mM	0.0473 mL	0.2367 mL	0.4734 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

Lin Y, Kuang Y, Li K, et al. Screening for bioactive natural products from a 67-compound library of *Glycyrrhiza inflata*. *Bioorg Med Chem*. 2017;25(14):3706-3713.

Wang Y, et al. Seventeen isoflavonoids from *Lupinus albus* roots. *Phytochemistry*. 1989;28(12):3273-3278.

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