

Isowighteone

Chemical Properties

CAS No. : 68436-47-5

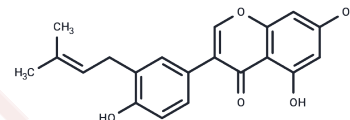
Formula: C₂₀H₁₈O₅

Molecular Weight: 338.35

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

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	Isowighteone (3'-Prenylgenistein) is an isoflavone compound isolated from the hairy root of <i>Cajanus cajan</i> with cytotoxic and anticancer activity, and can be used in cancer research.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9555 mL	14.7776 mL	29.5552 mL
5 mM	0.5911 mL	2.9555 mL	5.911 mL
10 mM	0.2956 mL	1.4778 mL	2.9555 mL
50 mM	0.0591 mL	0.2956 mL	0.5911 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

Ferrari F, et al. New cytotoxic isoflavone from the root bark of *Brosimum utile*. *Nat Prod Res.* 2005 Jun;19(4):331-5.

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