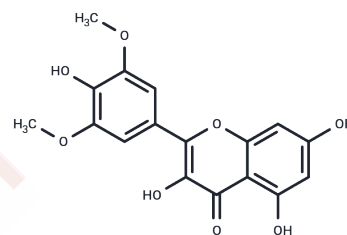


Syringetin

Chemical Properties

CAS No. :	4423-37-4
Formula:	C17H14O8
Molecular Weight:	346.29
Storage:	Keep away from direct sunlight 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	Syringetin, a flavonoid derivative found in grapes and wine, promotes melanogenesis in B16F10 cells and inhibits osteoblast-mediated osteoclastogenesis in human lung adenocarcinoma.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8878 mL	14.4388 mL	28.8775 mL
5 mM	0.5776 mL	2.8878 mL	5.7755 mL
10 mM	0.2888 mL	1.4439 mL	2.8878 mL
50 mM	0.0578 mL	0.2888 mL	0.5776 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

Ya-Ling Hsu, et al. Syringetin, a flavonoid derivative in grape and wine, induces human osteoblast differentiation through bone morphogenetic protein-2/extracellular signal-regulated kinase 1/2 pathway. *Mol Nutr Food Res.* 2009 Nov;53(11):1452-61.

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