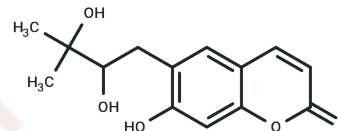


Peucedanol

Chemical Properties

CAS No. :	46992-81-8
Formula:	C ₁₄ H ₁₆ O ₅
Molecular Weight:	264.27
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	Peucedanol acts as a non-competitive inhibitor of CYP3A4 with a K _i value of 4.07 μM, while serving as a competitive inhibitor for CYP1A2 and CYP2D6 with K _i values of 3.39 μM and 6.77 μM, respectively [1].
Targets(IC50)	Cytochromes P450

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.784 mL	18.920 mL	37.8401 mL
5 mM	0.7568 mL	3.784 mL	7.568 mL
10 mM	0.3784 mL	1.892 mL	3.784 mL
50 mM	0.0757 mL	0.3784 mL	0.7568 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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