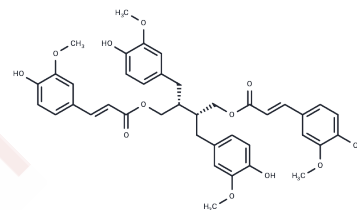


## 9,9'-Di-O-(E)-feruloylsecoisolariciresinol

### Chemical Properties

CAS No. :	56973-66-1
Formula:	C40H42O12
Molecular Weight:	714.75
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	1,4-O-Diferuloylsecoisolariciresinol(9,9'-Di-O-(E)-feruloylsecoisolariciresinol),and pierreione B, two novel inhibitors of mTOR signaling, have strong anticancer activity. (+)-9,9'-O-Diferuloylsecoisolariciresinol has significant cytotoxic activity against the DU145, LNCaP, and A549 cell lines.
Targets(IC50)	mTOR

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3991 mL	6.9955 mL	13.9909 mL
5 mM	0.2798 mL	1.3991 mL	2.7982 mL
10 mM	0.1399 mL	0.6995 mL	1.3991 mL
50 mM	0.028 mL	0.1399 mL	0.2798 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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