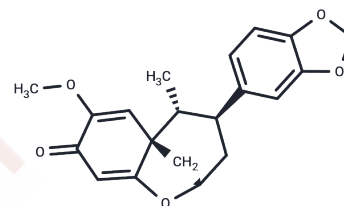


Futoenone

Chemical Properties

CAS No. :	19913-01-0
Formula:	C ₂₀ H ₂₀ O ₅
Molecular Weight:	340.37
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	Futoenone and a series of its derivatives have shown inhibitory activities against matrix metalloproteinases, the molecular modelings of these compounds indicate the preferred binding of the P2' site of the enzymes. Neolignan derivative compounds of the 2,4-diaryl-1,3-dithiolane and futoenone variety exhibit both platelet activating factor receptor(PAF)and 5-lipoxygenase antagonist activity.
Targets(IC50)	PAFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.938 mL	14.6899 mL	29.3798 mL
5 mM	0.5876 mL	2.938 mL	5.876 mL
10 mM	0.2938 mL	1.469 mL	2.938 mL
50 mM	0.0588 mL	0.2938 mL	0.5876 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481