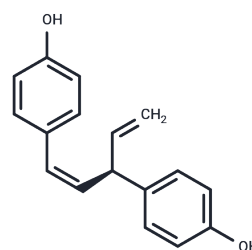


Nyasol

Chemical Properties

CAS No. :	96895-25-9
Formula:	C17H16O2
Molecular Weight:	252.31
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	Nyasol may have potential to be developed as medicines for the treatment of allergies by inhibiting the activation of mast cells. Nyasol shows anti-inflammatory properties by inhibiting iNOS expression; it also has antifungal activity, it is significantly effective in suppressing the Phytophthora blight on pepper plants. (-)-Nyasol exhibits the half maximal inhibitory concentration (IC50) value of 17.6 uM against D-glycero- α -D-mannoheptose-1-phosphate guanylyltransferase (HddC). (+)-Nyasol has antiprotozoal activity, it potently inhibits the growth of Leishmania major promastigotes, the IC50 being 12 microM, and moderately inhibits Plasmodium falciparum schizonts with the IC50 49 microM.
Targets(IC50)	ERK,NOS,NF- κ B,Akt,Antibacterial,NO Synthase,Parasite,Antifection,Antifungal,IL Receptor,I κ B/IKK,Leukotriene Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9634 mL	19.8169 mL	39.6338 mL
5 mM	0.7927 mL	3.9634 mL	7.9268 mL
10 mM	0.3963 mL	1.9817 mL	3.9634 mL
50 mM	0.0793 mL	0.3963 mL	0.7927 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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