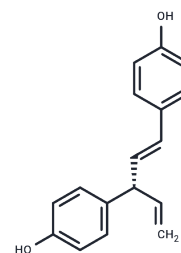


trans-Hinokiresinol

Chemical Properties

CAS No. :	17676-24-3
Formula:	C17H16O2
Molecular Weight:	252.313
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	Hinokiresinol is a novel inhibitor of LTB4 binding to the human neutrophils, it has antiallergic effect, it inhibits IgE-induced mouse passive cutaneous anaphylaxis reaction. Hinokiresinol (trans-hinokiresinol) and nyasol (cis-hinokiresinol) are estrogen agonists, they possess appreciable estrogen receptor binding activity, they can stimulate the proliferation of estrogen- dependent T47D breast cancer cells, and their stimulatory effects could be blocked by an estrogen antagonist. They have similar free radical scavenging and anti-inflammatory activities, they also have anti-ischemic effects, only trans-hinokiresinol can significantly decrease neuronal injury in cultured cortical neurons exposed to oxygen-glucose deprivation followed by re-oxygenation.
Targets(IC50)	NOS,LTR,IL Receptor,TNF

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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