Honokiol

iNOS inhibitor

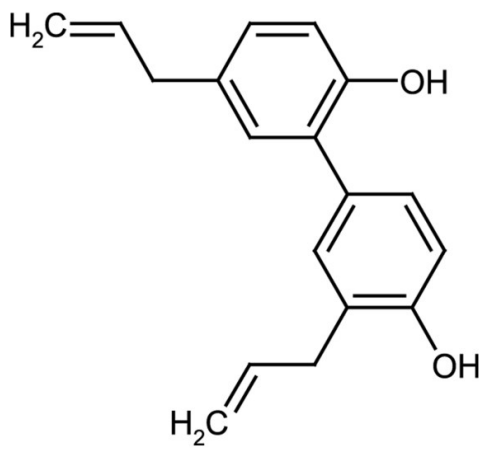
Potent and highly tolerable antitumor and antiangiogenic compound. Anxiolytic, anti-thrombotic and antibacterial. Shows central depressant effects *in vivo*. Inhibitor of nitric oxide (NO) and TNF-α production in LPS-activated macrophages by the suppression of inducible nitric oxide synthase (iNOS; NOS II) expression (IC_{50}=6.4μM). Isomeric with magnolol (Prod. No. ALX-350-352). Inhibits NF-κB activation. Potent scavenger of superoxide and peroxyl radicals.

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ALX-350-350-M025	25mg

Manuals, SDS & CofA View Online »


H2C
OH
OH
H2C

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Handling	Protect from light.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	5,3'-Diallyl-2,4'-biphenyldiol, 5,3'-Diallyl-2,4'-dihydroxydiphenyl
Appearance	White to off-white powder.
CAS	35354-74-6
Couple Target	NOS
Couple Type	Inhibitor
Formula	$C_{18}H_{18}O_2$
MI	**14:** 4742
MW	266.3
Purity	≥98% (HPLC)
Solubility	Soluble in DMSO, 100% ethanol or methanol.
Source	Isolated from *Magnolia officinalis*.

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