Sauchinone

Cytoprotective and antioxidant

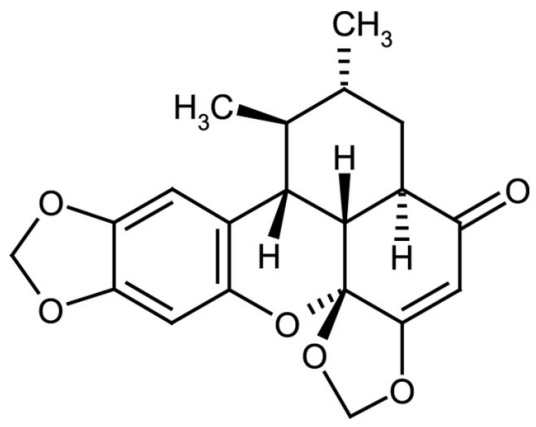
Diastereomeric lignan with cytoprotective and antioxidant activities in cultured hepatocytes. Inhibitor of LPS-inducible iNOS (NOS II), TNF-α and COX-2 expression in macrophages through suppression of IκBα phosphorylation and p65 nuclear translocation and of C/EBP and/or AP-1 activation, which may have constitutive anti-inflammatory effects. Suppressor of NF-κB by inhibiting transactivation activity of the RelA subunit. Inhibits staurosporine (Prod. No. ALX-380-014)-induced apoptosis. Inhibits RANKL-induced osteoclastogenesis by reducing ROS generation.

Citations: 6 View Online »

Ordering Information Order Online »

ALX-350-116-M005	5mg

Manuals, SDS & CofA View Online »


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Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	Ambient
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	White to off-white powder.
CAS	177931-17-8
Couple Target	COX, NOS, TNF
Couple Type	Inhibitor
Formula	$C_{20}H_{20}O_6$
MW	356.1
Purity	≥95% (HPLC)
Solubility	Soluble in DMSO or chloroform.
Source	Isolated from *Saururus chinensis.*

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