Deguelin

COX-2 inhibitor

Inhibitor of Akt (protein kinase B; PKB) in an *in vitro* lung carcinogenesis progression model. Inhibits cell proliferation - cells accumulate in the G2-M phase of the cell cycle. Premalignant and malignant human brochial epithelial cells are highly sensitive to deguelin compared to normal cells. Induces apoptosis. Exhibits a marked inhibitory effect on mouse skin tumor promotion in an *in vivo* two-stage carcinogenesis test. Inhibits cyclooxygenase-2 (COX-2) expression.

Citations: 9 View Online »

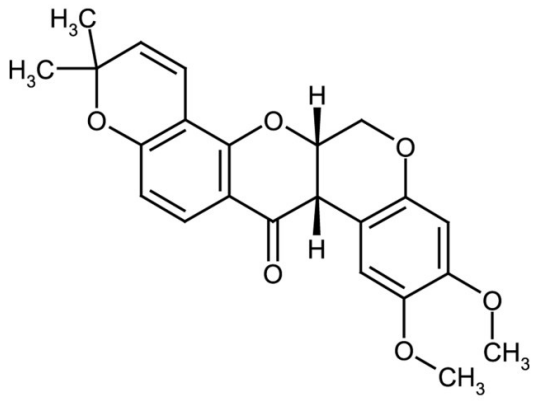
Ordering Information

Order Online »

ALX-350-118-M005	5mg
ALX-350-118-M025	25mg

Manuals, SDS & CofA

View Online »


H3C
H3C
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Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	+4°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	[-]-Deguelin
Appearance	White to yellow powder.
CAS	522-17-8
Couple Target	COX
Couple Type	Inhibitor
Formula	$C_{23}H_{22}O_6$
MI	**14:** 2863
MW	394.4
Purity	≥95% (HPLC)
RTECS	DX1500000
Solubility	Soluble in acetone, acetonitrile, DMSO (25mg/ml) or 100% ethanol (25mg/ml).

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