Shikonin

Inhibits angiogenesis

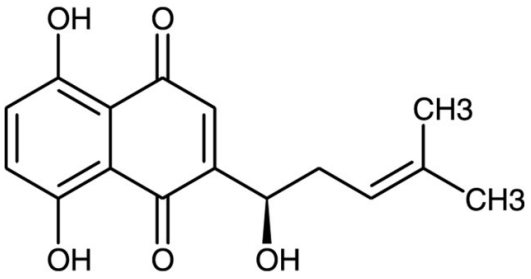
Shikonin inhibits TNF-α- and B6 melanoma-induced angiogenesis in mice. It blocks expression of integrin αvβ3 and inhibits endothelial cell proliferation and migration *in vitro*.

Citations: 8 View Online »

Ordering Information Order Online »

BML-CT115-0010	10mg
BML-CT115-0050	50mg

Manuals, SDS & CofA View Online »


OH
O
CH3
CH3
OH
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OH

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

Appearance	Red crystalline solid.
CAS	517-89-5
Couple Target	CD51, CD61, Integrin
Couple Type	Inhibitor
Formula	$C_{16}H_{16}O_5$
Identity	Determined by NMR and MS.
MW	288.3
Purity	≥98% (HPLC)
Solubility	Soluble in DMSO.
Source	Shikonin is a napthoquinone isolated from the roots of *Lithospermum erythrorhizon*; a component of the traditional Chinese herbal remedy Shiunko.

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