β-Lapachone

Topoisomerase inhibitor

Novel DNA topoisomerase I inhibitor. Unlike camptothecin, β-lapachone does not stabilize the cleavable complex, indicating a novel mode of action. Induces apoptosis in HL-60 and human prostate cancer cells via a p53-independent mechanism and blocks the cell cycle at G_0/G_1.

Citations: 3 View Online »

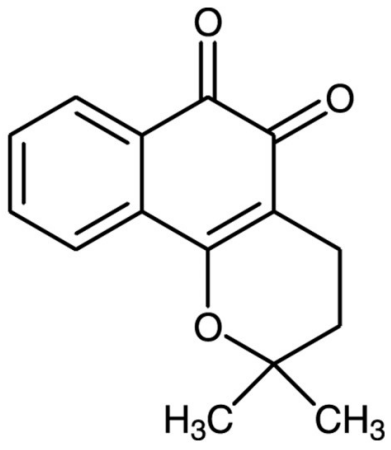
Ordering Information

Order Online »

BML-GR308-0005	5mg

Manuals, SDS & CofA

View Online »

O
O
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H3C
CH3

Handling & Storage

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

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	Orange to brown solid.
CAS	4707-32-8
Couple Target	Topoisomerase
Couple Type	Inhibitor
Formula	$C_{15}H_{14}O_3$
Identity	Determined by NMR.
MW	242.27
Purity	≥98% (HPLC)
Solubility	Soluble in DMSO (25mg/ml) or ethanol (20mg/ml).

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ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

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