Embelin

XIAP inhibitor

Embelin is a novel cell-permeable inhibitor of XIAP (X-linked inhibitor of apoptosis) which was discovered by screening a library of natural products derived from traditional Chinese medicine. It binds to the XIAP BIR3 domain preventing its binding to and inhibition of caspase-9 and effector caspases. Embelin selectively inhibits cell growth in cancer cells expressing high levels of XIAP (IC50 = 3-6 μM) versus normal cells with low levels of XIAP.

Citations: 3 View Online »

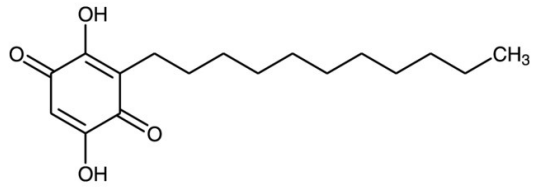
Ordering Information

Order Online »

BML-CM125-0010	10mg

Manuals, SDS & CofA

View Online »


OH
O
CH3
O
OH

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

Alternative Name	Embelic acid
Appearance	Orange crystalline solid.
CAS	550-24-3
Couple Target	XIAP
Couple Type	Inhibitor
Formula	$C_{17}H_{26}O_4$
MW	294.4
Purity	≥98% (HPLC)
Solubility	Soluble in DMSO (10mg/ml)

Last modified: May 29, 2024

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

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.