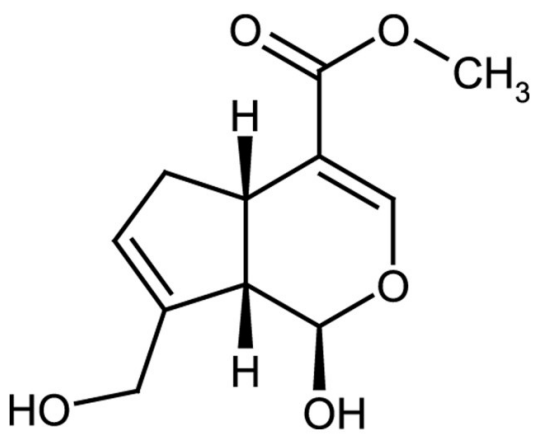
Genipin

UCP2 inhibitor

Cell permeable inhibitor of uncoupling protein 2 (UCP2). Increases glucose-stimulated insulin secretion, mitochondrial membrane potential and ATP levels in pancreatic island cells. Induces apoptosis. Protein cross-linking agent. Anti-inflammatory and anti-angiogenic.

Citations: 5 View Online »

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	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	(+)-Genipin, Methyl (1S,2R,6S)-2-hydroxy-9-(hydroxymethyl)-3-oxabicyclo[4.3.0]nona-4,8-diene-5-carboxylate
Appearance	White to off-white crystalline solid.
CAS	6902-77-8
Couple Target	UCP
Couple Type	Inhibitor
Formula	$C_{11}H_{14}O_5$
MW	226.2
Purity	≥98% (HPLC)
RTECS	GY5828000
Solubility	Soluble in DMSO (50mg/ml), dimethyl formamide (25mg/ml), 100% ethanol (5mg/ml), methanol or ethyl acetate; insoluble in water.
Source	Isolated from *Gardenia jasminoides* Ellis.

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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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