Gingerol

ATPase activator

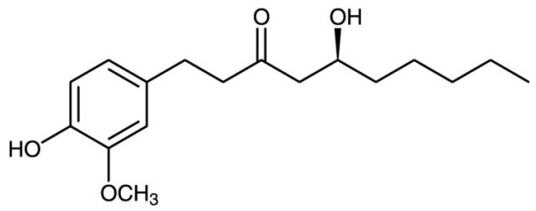
Gingerol ([6]-gingerol), a pungent vanilloid isolated from ginger rhizomes (*Zingiber officinale*), is a novel and selective activator of skeletal and cardiac SR Ca^{2+}-ATPase (EC_{50}=4μM). It is a novel cardiotonic agent with antiplatelet activity. It induces apoptosis in HL-60 cells. Acts as an agonist at vanilloid receptors.

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BML-CA422-0005	5mg

Manuals, SDS & CofA View Online »


O
OH
HO
OCH3

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	White to pale yellow oily or waxy solid.
CAS	23513-14-6
Couple Target	ATPase
Couple Type	Activator
Formula	$C_{17}H_{26}O_4$
MW	294.4
MeltingPoint	31°C
Purity	≥97% (HPLC)
Solubility	Soluble in 100% ethanol.

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