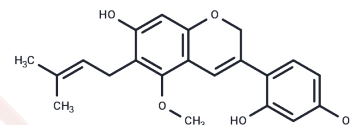


Dehydroglyasperin C

Chemical Properties

CAS No. :	199331-35-6
Formula:	C ₂₁ H ₂₂ O ₅
Molecular Weight:	354.4
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Dehydroglyasperin C is a potent NAD(P)H:oxidoquinone reductase (NQO1) and phase 2 enzyme inducer. Dehydroglyasperin C possesses potent antioxidant, cancer chemopreventive, and neuroprotective activities, it has protective effects against chronic diseases caused by reactive oxygen species as well as potential as an antioxidant food additive. Dehydroglyasperin C protects neuronal cells against glutamate-induced oxidative injury through the induction of HO-1 expression, which is, in turn, activated maybe through Nrf2-Keap1 and PI3K/AKT signaling pathways.
Targets(IC50)	ERK,NF-κB,Akt,Nrf2,Autophagy,COX,DNA/RNA Synthesis,IκB/IKK,JNK,NADPH,p38 MAPK,PI3K,TNF

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8217 mL	14.1084 mL	28.2167 mL
5 mM	0.5643 mL	2.8217 mL	5.6433 mL
10 mM	0.2822 mL	1.4108 mL	2.8217 mL
50 mM	0.0564 mL	0.2822 mL	0.5643 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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