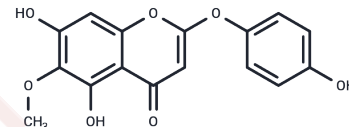


Capillarisin

Chemical Properties

CAS No. :	56365-38-9
Formula:	C16H12O7
Molecular Weight:	316.26
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	Capillarisin is a novel blocker of STAT3 activation and thus may have a potential in negative regulation of growth, metastasis, and chemoresistance of tumor cells, it inhibits cancer cell growth of osteosarcoma cells by inducing apoptosis accompanied with G0/G1-phase cell cycle arrest and loss in mitochondrial membrane potential. Capillarisin has anti-inflammatory activity, can inhibit LPS-induced inflammation by blocking TLR4-mediated NF- κ B and MAPKs activation in BV2 microglia. Capillarisin possesses promising anti-hyperalgesic and anti-allodynic effects through the inhibition of various inflammatory pain signaling.
Targets(IC50)	MMP,ERK,Bcl-2 Family,NOS,NF- κ B,Reactive Oxygen Species,MAPK,STAT,COX,DNA/RNA Synthesis,IL Receptor,JNK,Prostaglandin Receptor,TLR,TNF,VEGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.162 mL	15.8098 mL	31.6196 mL
5 mM	0.6324 mL	3.162 mL	6.3239 mL
10 mM	0.3162 mL	1.581 mL	3.162 mL
50 mM	0.0632 mL	0.3162 mL	0.6324 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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