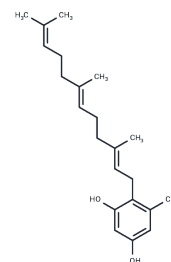


## Neogrifolin

## Chemical Properties

CAS No. :	23665-96-5
Formula:	C <sub>22</sub> H <sub>32</sub> O <sub>2</sub>
Molecular Weight:	328.49
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	Neogrifolin is a potential candidate for osteosarcoma, it can induce concentration- and time-dependent suppression of proliferation and induce apoptosis in U2OS and MG63 osteosarcoma cell lines; it exhibits inhibitory activity against nitric oxide (NO) production stimulated by lipopolysaccharide (LPS) in RAW 264.7 cells with the IC <sub>50</sub> value of 23.3 microM. Neogrifolin possesses antimicrobial activities against Bacillus cereus and Enterococcus faecalis, the MIC values of 20 and 0.5 microg/mL, respectively.
Targets(IC <sub>50</sub> )	Akt,Caspase,GSK-3,PARP,Ras

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0442 mL	15.2212 mL	30.4423 mL
5 mM	0.6088 mL	3.0442 mL	6.0885 mL
10 mM	0.3044 mL	1.5221 mL	3.0442 mL
50 mM	0.0609 mL	0.3044 mL	0.6088 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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