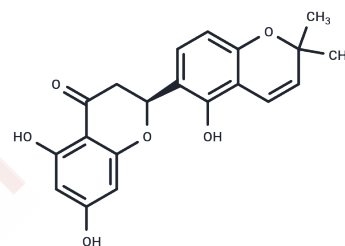


Sanggenon F

Chemical Properties

CAS No. :	85889-03-8
Formula:	C ₂₀ H ₁₈ O ₆
Molecular Weight:	354.35
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	Sanggenon F, a flavonoid derived from <i>Morus alba</i> var. <i>multicaulis</i> , effectively inhibits the differentiation of 3T3-L1 adipocytes and suppresses nitric oxide (NO) production in RAW264.7 cells, triggered by lipopolysaccharides and IFN- γ (IC ₅₀ of 19 nM). This compound holds significant potential for applications in managing anti-inflammatory and metabolic diseases.
Targets(IC ₅₀)	NO Synthase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8221 mL	14.1103 mL	28.2207 mL
5 mM	0.5644 mL	2.8221 mL	5.6441 mL
10 mM	0.2822 mL	1.411 mL	2.8221 mL
50 mM	0.0564 mL	0.2822 mL	0.5644 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

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