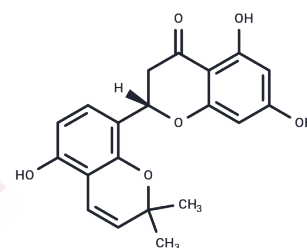


Sanggenone H

Chemical Properties

CAS No. :	86450-80-8
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	Sanggenone H may have antiphlogistic activity, it attenuated the secretion of TNF- α and IL-1 α 2 and inhibited the NF- κ B nuclear translocation in LPS-stimulated macrophages.
Targets(IC50)	NF- κ B,IL Receptor,TNF
In vitro	Chromatographic separation of root extracts of Morus alba and M. nigra led to the identification of the 2-arylbenzofurans moracin C (1), mulberrofuran Y (2), and mulberrofuran H (3), and the prenylated flavonoids kuwanon E (4), kuwanon C (5), Sanggenone H (6), cudraflavone B (7), and morusinol (8), and the Diels-Alder adducts soroceal (9), and sanggenon E (10).

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.

Reference

Evaluation of anti-inflammatory activity of prenylated substances isolated from Morus alba and Morus nigra. J Nat Prod. 2014 Jun 27;77(6):1297-303.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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