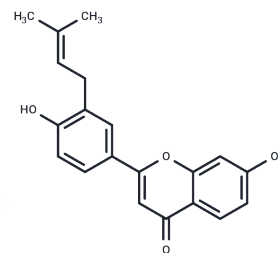


Kanzonol D

Chemical Properties

CAS No. :	155233-20-8
Formula:	C ₂₀ H ₁₈ O ₄
Molecular Weight:	322.35
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	Kanzonol D, a flavonoid derived from the hairy root cultures of <i>Glycyrrhiza glabra</i> [1], exhibits anti-inflammatory and anticancer properties by inhibiting nitric oxide production and suppressing NF-κB activation. It also shows potential in osteoblast differentiation, suggesting its utility in bone diseases.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1022 mL	15.5111 mL	31.0222 mL
5 mM	0.6204 mL	3.1022 mL	6.2044 mL
10 mM	0.3102 mL	1.5511 mL	3.1022 mL
50 mM	0.062 mL	0.3102 mL	0.6204 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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