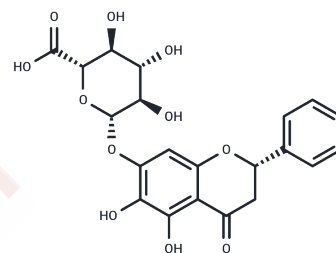


Dihydrobaicalin

Chemical Properties

CAS No. :	56226-98-3
Formula:	C ₂₁ H ₂₀ O ₁₁
Molecular Weight:	448.38
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	Dihydrobaicalin is a flavonoid glycoside naturally isolated from <i>Scutellaria lateriflora</i> (American skullcap) and <i>Scutellaria baicalensis</i> (Chinese skullcap). Dihydrobaicalin is primarily utilized in biomedical research settings investigating traditional medicine-derived molecular frameworks, particularly in studies focused on inflammatory signaling modulation, immune regulatory pathways, and mechanistic models relevant to autoimmune-associated biological processes.
Targets(IC50)	Immunology/Inflammation related

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2303 mL	11.1513 mL	22.3025 mL
5 mM	0.4461 mL	2.2303 mL	4.4605 mL
10 mM	0.223 mL	1.1151 mL	2.2303 mL
50 mM	0.0446 mL	0.223 mL	0.4461 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

Bergeron C, et al. Comparison of the chemical composition of extracts from *Scutellaria lateriflora* using accelerated solvent extraction and supercritical fluid extraction versus standard hot water or 70% ethanol extraction[J]. *Journal of agricultural and food chemistry*, 2005, 53(8): 3076-3080.

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