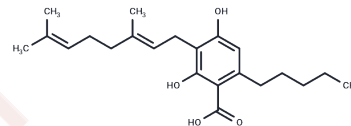


Cannabigerolic acid

Chemical Properties

CAS No. :	25555-57-1
Formula:	C ₂₂ H ₃₂ O ₄
Molecular Weight:	360.49
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Cannabigerolic acid (CBGA) is a key compound in the biosynthesis of phytocannabinoids, a precursor to various phytocannabinoids, protects against human infections, and can be used in the study of epilepsy.
Targets(IC50)	Antiviral
In vitro	Cannabigerolic acid (100 mg/mL) demonstrated over 30% inhibition of COX-1[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.774 mL	13.870 mL	27.740 mL
5 mM	0.5548 mL	2.774 mL	5.548 mL
10 mM	0.2774 mL	1.387 mL	2.774 mL
50 mM	0.0555 mL	0.2774 mL	0.5548 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

Suzuki S, et al. Cannabigerolic Acid (CBGA) Inhibits the TRPM7 Ion Channel Through its Kinase Domain. *Function (Oxf)*. 2023 Dec 7;5(1):zqad069.

Kearsey LJ, et al. Biosynthesis of cannabigerol and cannabigerolic acid: the gateways to further cannabinoid production. *Synth Biol (Oxf)*. 2023 May 27;8(1):ysad010.

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