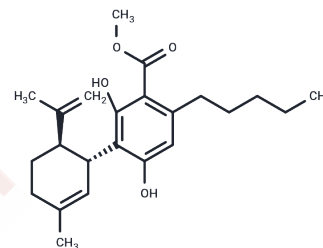


## Cannabidiolic acid methyl ester

## Chemical Properties

CAS No. :	55658-71-4
Formula:	C <sub>23</sub> H <sub>32</sub> O <sub>4</sub>
Molecular Weight:	372.5
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	Cannabidiolic acid methyl ester (HU-580) is an orally active analogue of cannabidiolic acid. It enhances the activation of 5-HT <sub>1A</sub> receptors and increases the expression of c-Fos and NeuN in specific hypothalamic nuclei in rats. Cannabidiolic acid methyl ester exhibits anti-nausea, anxiolytic, and anti-nociceptive effects.
Targets(IC <sub>50</sub> )	5-HT Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6846 mL	13.4228 mL	26.8456 mL
5 mM	0.5369 mL	2.6846 mL	5.3691 mL
10 mM	0.2685 mL	1.3423 mL	2.6846 mL
50 mM	0.0537 mL	0.2685 mL	0.5369 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.

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