

## Cassiatannin A

## Chemical Properties

CAS No. :	1206883-80-8
Formula:	C <sub>60</sub> H <sub>48</sub> O <sub>24</sub>
Molecular Weight:	1153.02
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

## Biological Description

Description	Cassiatannin A is a tetrameric procyanidin identified in cinnamon ( <i>Cinnamomum cassia</i> ). It exhibits COX-2 inhibitory activity, with inhibition rates of 38%, 52%, and 97% at concentrations of 10, 100, and 1000 µg/mL, respectively. Cassiatannin A is applicable in inflammation research.
Targets(IC50)	COX

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8673 mL	4.3364 mL	8.6729 mL
5 mM	0.1735 mL	0.8673 mL	1.7346 mL
10 mM	0.0867 mL	0.4336 mL	0.8673 mL
50 mM	0.0173 mL	0.0867 mL	0.1735 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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