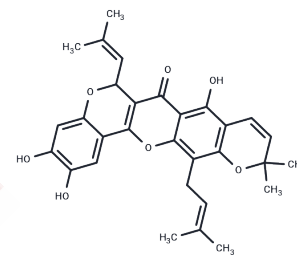


## Cycloheterophyllin

## Chemical Properties

CAS No. :	36545-53-6
Formula:	C <sub>30</sub> H <sub>30</sub> O <sub>7</sub>
Molecular Weight:	502.56
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	Cycloheterophyllin has an antioxidant effect, it is a photoprotective agent that inhibits ultraviolet A (UVA)-induced oxidative stress and damage, and could be used in the research on and prevention of skin photoaging.
Targets(IC50)	NADPH-oxidase,PKA,PKC

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9898 mL	9.9491 mL	19.8981 mL
5 mM	0.398 mL	1.9898 mL	3.9796 mL
10 mM	0.199 mL	0.9949 mL	1.9898 mL
50 mM	0.0398 mL	0.199 mL	0.398 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

Photoprotective Effects of Cycloheterophyllin against UVA-Induced Damage and Oxidative Stress in Human Dermal Fibroblasts. PLoS One. 2016 Sep 1;11(9):e0161767.

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