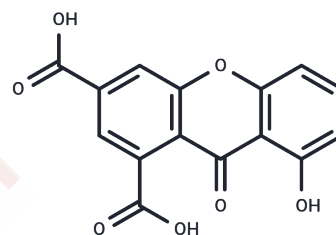


## Cassiaxanthone

## Chemical Properties

CAS No. :	28917-02-4
Formula:	C <sub>15</sub> H <sub>8</sub> O <sub>7</sub>
Molecular Weight:	300.22
Storage:	Keep away from direct sunlight 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	Cassiaxanthone(8-Hydroxy-9-oxo-9H-xanthene-1,3-dicarboxylic acid) is a flavonoid isolated from Cassia obtusifolia, exhibiting antioxidant and anti-inflammatory activities. It contains multiple hydroxyl and carboxyl groups, providing good chemical stability and biological activity.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3309 mL	16.6545 mL	33.3089 mL
5 mM	0.6662 mL	3.3309 mL	6.6618 mL
10 mM	0.3331 mL	1.6654 mL	3.3309 mL
50 mM	0.0666 mL	0.3331 mL	0.6662 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

T. Arunachalam, et al. Synthesis of a hydroxyxanthone dicarboxylic acid, cassiaxanthone. Reactions of  $\gamma$ -resorcylic acid with phenols. The Journal of Organic Chemistry 1972 37 (8), 1262-1266

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