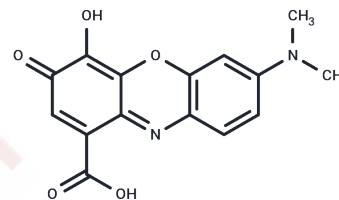


## Callocyanine

## Chemical Properties

CAS No. :	524-26-5
Formula:	C <sub>15</sub> H <sub>12</sub> N <sub>2</sub> O <sub>5</sub>
Molecular Weight:	300.27
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	Callocyanine is an analog of gallocyanine and an inhibitor of DKK1/LRP6 interaction (IC <sub>50</sub> = 6.38 μM), suitable for use in biochemical experiments and drug synthesis research.
Targets(IC50)	Wnt/beta-catenin

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3303 mL	16.6517 mL	33.3034 mL
5 mM	0.6661 mL	3.3303 mL	6.6607 mL
10 mM	0.333 mL	1.6652 mL	3.3303 mL
50 mM	0.0666 mL	0.333 mL	0.6661 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

Thysiadis S, et al. Discovery of novel phenoxazinone derivatives as DKK1/LRP6 interaction inhibitors: Synthesis, biological evaluation and structure-activity relationships. *Bioorg Med Chem.* 2016;24(5):1014-1022.

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