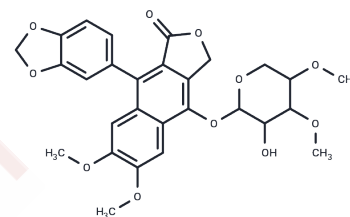


## Cleistanthin

## Chemical Properties

CAS No. :	25047-48-7
Formula:	C <sub>28</sub> H <sub>28</sub> O <sub>11</sub>
Molecular Weight:	540.52
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	Cleistanthin is a member of the class of cleistanthins that is the 4-O-3,4-di-O-methyl-beta-D-xylopyranoside of 1,3-dihydronaphtho[2,3-c]furan-4-ol which is substituted by an oxo group at position 1, methoxy groups at positions 6 and 7, and a 1,3-benzodioxol-5-yl group at position 9. It is one of the toxic principles in Cleistanthus collinus. It has a role as an antihypertensive agent, an alpha-adrenergic antagonist and a diuretic. It is a xylose derivative and a member of cleistanthins.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8501 mL	9.2504 mL	18.5007 mL
5 mM	0.370 mL	1.8501 mL	3.7001 mL
10 mM	0.185 mL	0.925 mL	1.8501 mL
50 mM	0.037 mL	0.185 mL	0.370 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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