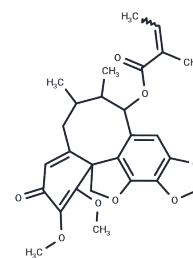


## Interiorin

## Chemical Properties

CAS No. :	119139-55-8
Formula:	C <sub>27</sub> H <sub>30</sub> O <sub>8</sub>
Molecular Weight:	482.52
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	Interiorin C is the key active ingredient and bioactivity marker in Schisandra chinensis (K. Interiorin) directly associated with improved hematopoietic function. Interiorin C mediates the blood-tonifying effects of Schisandra chinensis through antioxidant and immunomodulatory activities, supporting mechanistic studies in pharmacology, functional food development, and natural product therapeutics.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0725 mL	10.3623 mL	20.7245 mL
5 mM	0.4145 mL	2.0725 mL	4.1449 mL
10 mM	0.2072 mL	1.0362 mL	2.0725 mL
50 mM	0.0414 mL	0.2072 mL	0.4145 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

Pu JX, et al. Compounds from Kadsura heteroclita and related anti-HIV activity. *Phytochemistry*. 2008 Mar;69(5): 1266-72.

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