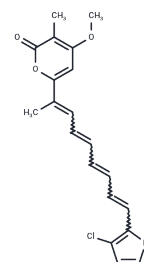


## Rumbrin

## Chemical Properties

CAS No. :	148528-19-2
Formula:	C <sub>20</sub> H <sub>20</sub> ClNO <sub>3</sub>
Molecular Weight:	357.83
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	Rumbrin is a cytoprotective compound produced by Auxarthron umbrinum.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7946 mL	13.9731 mL	27.9462 mL
5 mM	0.5589 mL	2.7946 mL	5.5892 mL
10 mM	0.2795 mL	1.3973 mL	2.7946 mL
50 mM	0.0559 mL	0.2795 mL	0.5589 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

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- Clark BR, O'Connor S, Fox D, Leroy J, Murphy CD. Production of anticancer polyenes through precursor-directed biosynthesis. Org Biomol Chem. 2011 Sep 21;9(18):6306-11. doi: 10.1039/c1ob05667k. Epub 2011 Jul 26. PubMed PMID: 21792395.
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