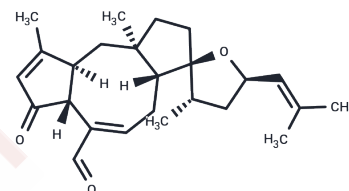


## Anhydroepiophiobolin A

## Chemical Properties

CAS No. :	90411-20-4
Formula:	C <sub>25</sub> H <sub>34</sub> O <sub>3</sub>
Molecular Weight:	382.544
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	Anhydroepiophiobolin A is a sesterterpenoid fungal metabolite that has been found in <i>B. oryzae</i> . It is cytotoxic to HepG2 and K562 cells (IC <sub>50</sub> s = 47.1 and 35.6 μM, respectively) as well as A549, SKOV3, SK-MEL-2, XF498, and HCT15 cells (IC <sub>50</sub> s = 1.6-1.9 μg/ml). Anhydroepiophiobolin A is phytotoxic to <i>S. viridis</i> and <i>D. erucoides</i> in a leaf puncture assay.
Targets(IC50)	Others

## Solubility Information

Solubility	Ethanol: Soluble Methanol: Soluble DMSO: Soluble DMF: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6141 mL	13.0705 mL	26.1411 mL
5 mM	0.5228 mL	2.6141 mL	5.2282 mL
10 mM	0.2614 mL	1.3071 mL	2.6141 mL
50 mM	0.0523 mL	0.2614 mL	0.5228 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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