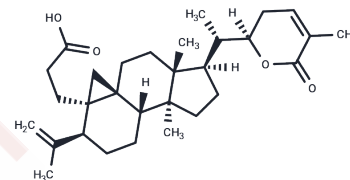


## Schisanlactone E

## Chemical Properties

CAS No. :	136040-43-2
Formula:	C <sub>30</sub> H <sub>44</sub> O <sub>4</sub>
Molecular Weight:	468.678
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	Schisanlactone E may show moderate cytotoxic activity against the human tumor cell lines Bel-7402, BGC-823, MCF-7 and HL-60.
Targets(IC50)	Others
In vitro	After screening 10 strains of filamentous fungi, Cunninghamella blakesleana AS 3.970 was chosen as a potent organism to be used for the biotransformation of Schisanlactone E. 13 metabolites were obtained and determined to be new compounds through the use of spectroscopic data, including UV, 1D-, 2D-NMR, and HR-ESIMS.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1337 mL	10.6683 mL	21.3365 mL
5 mM	0.4267 mL	2.1337 mL	4.2673 mL
10 mM	0.2134 mL	1.0668 mL	2.1337 mL
50 mM	0.0427 mL	0.2134 mL	0.4267 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

Bioactive metabolites of Schisanlactone E transformed by Cunninghamella blakesleana AS 3.970. *Fitoterapia*. 2014 Dec;99:352-61.

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