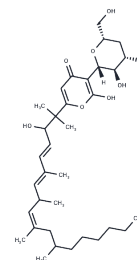


## Deoxyfusapyrone

## Chemical Properties

CAS No. :	156856-32-5
Formula:	C <sub>34</sub> H <sub>54</sub> O <sub>8</sub>
Molecular Weight:	590.79
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	Deoxyfusapyrone is an $\alpha$ -pyrone fungal metabolite originally isolated from <i>F. semitectum</i> and has antifungal activity. It is active against <i>C. neoformans</i> , <i>A. fumigatus</i> , <i>A. niger</i> , and <i>A. flavus</i> human mycoses (MICs = 1.56-6.25 $\mu$ g/ml). Deoxyfusapyrone is also active against a variety of filamentous fungi, but not yeast or the bacterium <i>B. megaterium</i> , in a disc assay.
Targets(IC50)	Others,Antifungal

## 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	1.6926 mL	8.4632 mL	16.9265 mL
5 mM	0.3385 mL	1.6926 mL	3.3853 mL
10 mM	0.1693 mL	0.8463 mL	1.6926 mL
50 mM	0.0339 mL	0.1693 mL	0.3385 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.

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