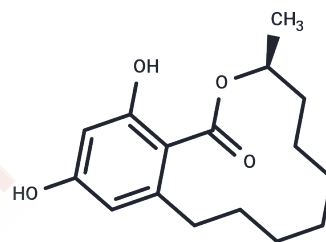


## De-O-methylsiodiplodin

## Chemical Properties

CAS No. :	32885-82-8
Formula:	C <sub>16</sub> H <sub>22</sub> O <sub>4</sub>
Molecular Weight:	278.34
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	De-O-methylsiodiplodin exhibits radical scavenging, moderate antibacterial, and potential anti-inflammatory effects, it shows moderate suppression effects on induced NO production. De-O-methylsiodiplodin effectively lowers the blood glucose level in db/db mice possibly via ameliorating the expression of obesity-related pro-inflammatory cytokines, highlighting the potential of the marine natural product as a drug lead for the treatment of metabolic disorders.
Targets(IC50)	Apoptosis, Antifection, IL Receptor, ROS, TNF

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5927 mL	17.9636 mL	35.9273 mL
5 mM	0.7185 mL	3.5927 mL	7.1855 mL
10 mM	0.3593 mL	1.7964 mL	3.5927 mL
50 mM	0.0719 mL	0.3593 mL	0.7185 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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