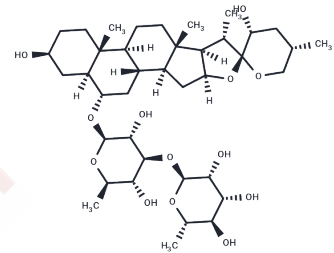


## Torvoside C

## Chemical Properties

CAS No. :	185012-38-8
Formula:	C39H64O13
Molecular Weight:	740.918
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	Torvoside C (Torvoside K) is a compound found in <i>Solanum torvum</i> with antifungal properties. It exhibits a zone of inhibition (ZOI) and minimum inhibitory concentration (MIC) range of 33.4-87.4% and 31.25-250 µg/mL, respectively, against tested fungi such as <i>Alternaria brassicicola</i> , <i>Alternaria geophila</i> , and <i>Aspergillus flavus</i> . Additionally, Torvoside C inhibits the production of mycotoxins aflatoxin B1 and fumonisin B1 in a dose-dependent manner, particularly in <i>A. flavus</i> and <i>F. verticillioides</i> . This compound is applicable in antifungal infection research.
Targets(IC50)	Antifungal

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3497 mL	6.7484 mL	13.4967 mL
5 mM	0.2699 mL	1.3497 mL	2.6993 mL
10 mM	0.135 mL	0.6748 mL	1.3497 mL
50 mM	0.027 mL	0.135 mL	0.2699 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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