

## Methyl protograccillin

## Chemical Properties

CAS No. : 54522-53-1

Formula: C52H86O23

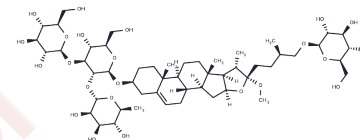
Molecular Weight: 1079.23

Storage:

Store at low temperature, Keep away from moisture,  
Keep away from direct sunlight

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	Methyl protograccillin is a natural product from <i>Dioscorea collettii</i> var. <i>hypoglauca</i> with anti-cancer activity.
Targets(IC50)	Antifection

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9266 mL	4.6329 mL	9.2659 mL
5 mM	0.1853 mL	0.9266 mL	1.8532 mL
10 mM	0.0927 mL	0.4633 mL	0.9266 mL
50 mM	0.0185 mL	0.0927 mL	0.1853 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

Hu K, Yao X. The cytotoxicity of methyl protoneograccillin (NSC-698793) and gracillin (NSC-698787), two steroidal saponins from the rhizomes of *Dioscorea collettii* var. *hypoglauca*, against human cancer cells in vitro. *Phytother Res.* 2003 Jun;17(6):620-6.

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