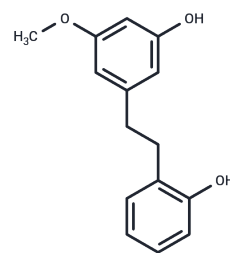


## Batatasin IV

## Chemical Properties

CAS No. :	60347-67-3
Formula:	C <sub>15</sub> H <sub>16</sub> O <sub>3</sub>
Molecular Weight:	244.29
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	Batatasin IV is identified from Dioscorea opposita which is a type of homologous medicinal plant and is commonly used as food in daily life.
Targets(IC50)	Others,Aminopeptidase

## Solubility Information

Solubility	DMSO: 4 mg/mL (16.37 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0935 mL	20.4675 mL	40.935 mL
5 mM	0.8187 mL	4.0935 mL	8.187 mL
10 mM	0.4093 mL	2.0467 mL	4.0935 mL
50 mM	0.0819 mL	0.4093 mL	0.8187 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

An L, et al. NMR-based metabolomics approach to investigate the distribution characteristics of metabolites in Dioscorea opposita Thunb. cv. Tiegun. Food Chem. 2019 Nov 15;298:125063.

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