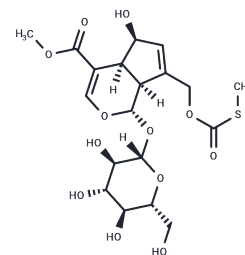


## Paederosidic acid methyl ester

## Chemical Properties

CAS No. :	122413-01-8
Formula:	C <sub>19</sub> H <sub>26</sub> O <sub>12</sub> S
Molecular Weight:	478.47
Storage:	Keep away from moisture, Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



## Biological Description

Description	Paederosidic acid methyl ester has antinociception, is possibly related to the pathway of NO-cGMP-ATP sensitive K(+) channels.
Targets(IC50)	ATPase, NO Synthase, Potassium Channel

## Solubility Information

Solubility	DMSO: 9 mg/mL (18.81 mM), Sonication is recommended. ( < 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 1 mg/mL (2.09 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.090 mL	10.450 mL	20.900 mL
5 mM	0.418 mL	2.090 mL	4.180 mL
10 mM	0.209 mL	1.045 mL	2.090 mL
50 mM	0.0418 mL	0.209 mL	0.418 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

Chen Y F , Huang Y , Tang W Z , et al. Antinociceptive activity of Paederosidic Acid Methyl Ester (PAME) from the n-butanol fraction of *Paederia scandens* in mice[J]. *Pharmacology Biochemistry & Behavior*, 2009, 93(2):97-104.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481