

Mycophenolic acid- $\beta$ -D-glucuronide

## Chemical Properties

CAS No. : 31528-44-6

Formula: C<sub>23</sub>H<sub>28</sub>O<sub>12</sub>

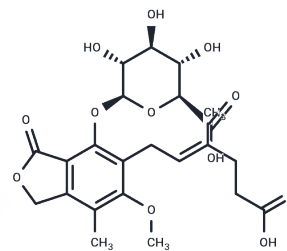
Molecular Weight: 496.46

Storage:

Store at low temperature, Keep away from moisture,  
Store under nitrogen

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	Mycophenolic acid glucuronide is the glucuronide metabolite of mycophenolic acid in human plasma.
Targets(IC50)	Others, Drug Metabolite

## Solubility Information

Solubility	DMSO: 55 mg/mL (110.78 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: 2 mg/mL (4.03 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	2.0143 mL	10.0713 mL	20.1426 mL
5 mM	0.4029 mL	2.0143 mL	4.0285 mL
10 mM	0.2014 mL	1.0071 mL	2.0143 mL
50 mM	0.0403 mL	0.2014 mL	0.4029 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

Shipkova M, Niedmann PD, Armstrong VW, Schütz E, Wieland E, Shaw LM, Oellerich M. Simultaneous determination of mycophenolic acid and its glucuronide in human plasma using a simple high-performance liquid chromatography procedure. Clin Chem. 1998 Jul;44(7):1481-8. PMID: 9665427.

**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