

## Phellamurin

## Chemical Properties

CAS No.:	52589-11-4
Formula:	C <sub>26</sub> H <sub>30</sub> O <sub>11</sub>
Molecular Weight:	518.5
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

## Biological Description

Description	Phellamurin inhibits intestinal P-glycoprotein in a dose-dependent manner, there is a serious interaction occurred between Phellamurin with cyclosporin, to ensure the efficacy of cyclosporin, we suggest that the coadministration of Phellamurin or Phellodendron wilsonii with cyclosporin should be avoided.
Targets(IC <sub>50</sub> )	P-gp: None

## Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.929 mL	9.643 mL	19.286 mL
5 mM	0.386 mL	1.929 mL	3.857 mL
10 mM	0.193 mL	0.964 mL	1.929 mL
50 mM	0.039 mL	0.193 mL	0.386 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Inhibitors · Natural Compounds · Compound Libraries

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Tel:781-999-4286

E-mail:[info@targetmol.com](mailto:info@targetmol.com)

Address:36 Washington Street,Wellesley Hills,MA 02481