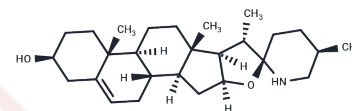


## Solasodine

## Chemical Properties

CAS No. :	126-17-0
Formula:	C <sub>27</sub> H <sub>43</sub> NO <sub>2</sub>
Molecular Weight:	413.64
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	Solasodine (Purapuridine)(Purapuridine) is a poisonous alkaloid chemical compound that occurs in plants of the Solanaceae family. Solasodine showed selective cytotoxicity against cervical cancer cell line (HeLa) and human myeloid leukemia cell line (U937).
Targets(IC50)	Apoptosis,E1/E2/E3 Enzyme,Antifungal,MDM-2/p53

## Solubility Information

Solubility	DMSO: < 1 mg/mL (insoluble or slightly soluble), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4176 mL	12.0878 mL	24.1756 mL
5 mM	0.4835 mL	2.4176 mL	4.8351 mL
10 mM	0.2418 mL	1.2088 mL	2.4176 mL
50 mM	0.0484 mL	0.2418 mL	0.4835 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

- Ma J., et al. Development and validation a liquid chromatography mass spectrometry for determiN/Ation of solasodine in rat plasma and its application to a pharmacokinetic study.J Chromatogr B AN/Alyt Technol Biomed Life Sci. 2014 Jul 15;963:24-8.
- Sharma T., et al. Solasodine protects rat brain against ischemia/reperfusion injury through its antioxidant activity. Eur J Pharmacol. 2014 Feb 15;725:40-6.

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