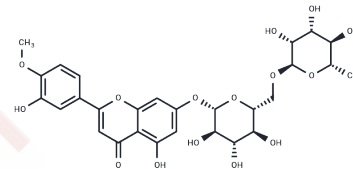


## Diosmin

## Chemical Properties

CAS No. :	520-27-4
Formula:	C <sub>28</sub> H <sub>32</sub> O <sub>15</sub>
Molecular Weight:	608.54
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	Diosmin (Venosmine) is a bioflavonoid that strengthens vascular walls.
Targets(IC50)	Aryl Hydrocarbon Receptor, Norepinephrine

## Solubility Information

Solubility	Ethanol: < 1 mg/mL (insoluble or slightly soluble), H <sub>2</sub> O: < 1 mg/mL (insoluble or slightly soluble), DMSO: 100 mg/mL (164.33 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	1.6433 mL	8.2164 mL	16.4328 mL
5 mM	0.3287 mL	1.6433 mL	3.2866 mL
10 mM	0.1643 mL	0.8216 mL	1.6433 mL
50 mM	0.0329 mL	0.1643 mL	0.3287 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

Veveřková L, et al. Rozhl Chir. 2005 Aug;84(8):410-2, 414-6.

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