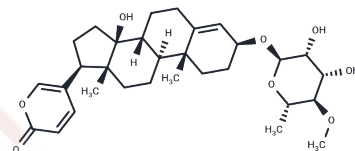


## Meprosillarín

## Chemical Properties

CAS No. :	33396-37-1
Formula:	C <sub>31</sub> H <sub>44</sub> O <sub>8</sub>
Molecular Weight:	544.68
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	Meprosillarín is a glycoside with high bioavailability (about 70%) and an elimination independent of renal function.
Targets(IC50)	Others,Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8359 mL	9.1797 mL	18.3594 mL
5 mM	0.3672 mL	1.8359 mL	3.6719 mL
10 mM	0.1836 mL	0.918 mL	1.8359 mL
50 mM	0.0367 mL	0.1836 mL	0.3672 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

- Alken RG, Belz GG. A comparative dose-effect study with cardiac glycosides assessing cardiac and extracardiac responses in normal subjects. *J Cardiovasc Pharmacol.* 1984 Jul-Aug;6(4):634-40. PubMed PMID: 6206318.
- Belz GG, Aust PE. [Threshold of action of meprosillarín following intravenous administration]. *Med Klin.* 1980 Jul 18;75(15):551-3. German. PubMed PMID: 7001203.
- Burkert K, Beckmann H. [Plasma concentration and elimination behavior of the cardiac glycoside meprosillarín in patients with liver cirrhosis]. *Z Gastroenterol.* 1983 Jan;21(1):34-40. German. PubMed PMID: 6845784.
- Rietbrock N. [Metabolism of meprosillarín in man (author's transl)]. *Arzneimittelforschung.* 1978;28(3a):540-5. German. PubMed PMID: 580585.

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