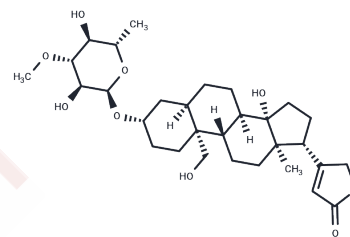


Ruvoside

Chemical Properties

CAS No. :	6859-20-7
Formula:	C ₃₀ H ₄₆ O ₉
Molecular Weight:	550.68
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	Ruvoside is digitaloid from <i>Thevetia neriifolia</i> Juss acts as a cardioactive glycoside.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8159 mL	9.0797 mL	18.1594 mL
5 mM	0.3632 mL	1.8159 mL	3.6319 mL
10 mM	0.1816 mL	0.908 mL	1.8159 mL
50 mM	0.0363 mL	0.1816 mL	0.3632 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

- VOHRA MM, KOHLI JD, DE NN. Pharmacological studies on ruvoside--another new digitaloid from *Thevetia neriifolia* Juss. *Arch Int Pharmacodyn Ther.* 1961 Oct 1;133:265-74. PubMed PMID: 13926488.
- LANG HY, SUN NJ. [STUDIES ON THE CARDIAC GLYCOSIDES OF THEVETIA PERUVIANA MERR. SYN. THEVETIA NERIIFOLIA JUSS. II. ISOLATION AND IDENTIFICATION OF CERBERIN, RUVOSIDE AND A NEW CARDIAC GLYCOSIDE--PERUSITIN]. *Yao Xue Xue Bao.* 1964 Jul;11:464-72. Chinese. PubMed PMID: 14202490.
- Samanta J, Bhattacharya S, Rana AC. Antifertility activity of *Thevetia peruviana* (Pers.) K. Schum leaf in female Sprague-Dawley rat. *Indian J Pharmacol.* 2016 Nov-Dec;48(6):669-674. doi: 10.4103/0253-7613.194861. PubMed PMID: 28066105; PubMed Central PMCID: PMC5155468.

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