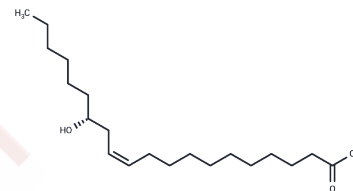


## Lesquerolic acid

## Chemical Properties

CAS No. :	4103-20-2
Formula:	C <sub>20</sub> H <sub>38</sub> O <sub>3</sub>
Molecular Weight:	326.51
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	Lesquerolic acid is a hydroxy acid that existed in the oil of most species of Lesquerella
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0627 mL	15.3135 mL	30.6269 mL
5 mM	0.6125 mL	3.0627 mL	6.1254 mL
10 mM	0.3063 mL	1.5313 mL	3.0627 mL
50 mM	0.0613 mL	0.3063 mL	0.6125 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

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Kuo TM, Rooney AP, Isbell TA. Conversion of lesquerolic acid to 14-oxo-11(Z)-eicosenoic acid by genetically variable *Sphingobacterium multivorum* strains. *Curr Microbiol*. 2008 Jul;57(1):55-60. doi: 10.1007/s00284-008-9152-6. Epub 2008 Apr 1. PubMed PMID: 18379841.

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