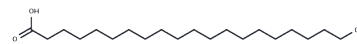


## 20-hydroxy Arachidic Acid

## Chemical Properties

CAS No. :	62643-46-3
Formula:	C <sub>20</sub> H <sub>40</sub> O <sub>3</sub>
Molecular Weight:	328.53
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	20-hydroxy Arachidic acid is a hydroxylated fatty acid that has been found in the suberin component of silver birch ( <i>B. pendula</i> ) outer bark as well as the leaves, roots, and wood of <i>Q. ilex</i> from Cala Violina and Colognole, Italy. 20-hydroxy Arachidic acid was identified as a potential inhibitor of human rhinovirus coat protein in a structure-based virtual screen.
Targets(IC50)	Others

## Solubility Information

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

	1mg	5mg	10mg
1 mM	3.0439 mL	15.2193 mL	30.4386 mL
5 mM	0.6088 mL	3.0439 mL	6.0877 mL
10 mM	0.3044 mL	1.5219 mL	3.0439 mL
50 mM	0.0609 mL	0.3044 mL	0.6088 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.

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