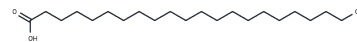


## 21-Hydroxyhenicosanoic acid

## Chemical Properties

CAS No. :	89160-04-3
Formula:	C <sub>21</sub> H <sub>42</sub> O <sub>3</sub>
Molecular Weight:	342.556
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	21-Hydroxyhenicosanoic acid is a long-chain hydroxy fatty acid used in organic synthesis and biochemical experiments.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9192 mL	14.596 mL	29.192 mL
5 mM	0.5838 mL	2.9192 mL	5.8384 mL
10 mM	0.2919 mL	1.4596 mL	2.9192 mL
50 mM	0.0584 mL	0.2919 mL	0.5838 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

Escamilla-Ruiz MI, Zarzoza-Medina MG, Ríos-Ramírez M, Hernández-Adame PL, Ruiz-García J. Spontaneous Formation of Micelles and Vesicles in Langmuir Monolayers of Heneicosanoic Acid. ACS Omega. 2025 Jan 28;10(5):4224-4232.

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