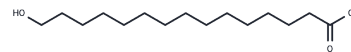


## 15-hydroxypentadecanoic acid

## Chemical Properties

CAS No. :	4617-33-8
Formula:	C15H30O3
Molecular Weight:	258.4
Storage:	Store at 4°C Actual storage temperature shall be subject to the COA.



## Biological Description

Description	15-hydroxypentadecanoic acid is a fatty acid found in soybean oil and rapeseed oil that has anti-inflammatory, antibacterial, and antioxidant activities.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.870 mL	19.3498 mL	38.6997 mL
5 mM	0.774 mL	3.870 mL	7.7399 mL
10 mM	0.387 mL	1.935 mL	3.870 mL
50 mM	0.0774 mL	0.387 mL	0.774 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

Rajaganesh R, et al. Anti-dengue potential and mosquitocidal effect of marine green algae-stabilized Mn-doped superparamagnetic iron oxide nanoparticles (Mn-SPIONs): an eco-friendly approach. Environ Sci Pollut Res Int. 2024 Mar;31(13):19575-19594.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481