

## Product datasheet


# 3-Hydroxyoctadecanoic acid, 3-Hydroxy fatty acid ab144040

1 Image

### Overview

<b>Product name</b>	3-Hydroxyoctadecanoic acid, 3-Hydroxy fatty acid
<b>Description</b>	3-Hydroxy fatty acid
<b>Biological description</b>	3-Hydroxy fatty acid. Component of <i>Campylobacter</i> cellular fatty acids. Use as standard, in analysis and biological systems.

#### See similar compounds

<b>Purity</b>	> 98%
<b>CAS Number</b>	45261-96-9
<b>Chemical structure</b>	

### Properties

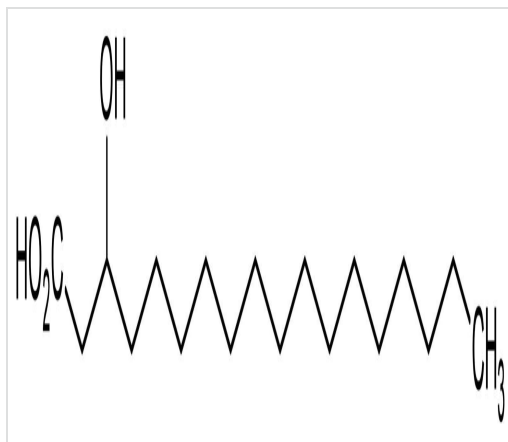
<b>Chemical name</b>	3-Hydroxyoctadecanoic acid
<b>Molecular weight</b>	300.48
<b>Molecular formula</b>	C <sub>18</sub> H <sub>36</sub> O <sub>3</sub>
<b>PubChem identifier</b>	5282907
<b>Storage instructions</b>	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in ethanol to 5 mM and in DMSO to 100 mM
<b>Handling</b>	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>
<b>SMILES</b>	CCCCCCCCCCCCCCCC(CC(=O)O)O

Source

Synthetic

## Images

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Chemical Structure - 3-Hydroxyoctadecanoic acid,  
3-Hydroxy fatty acid (ab144040)

2D chemical structure image of ab144040, 3-Hydroxyoctadecanoic acid, 3-Hydroxy fatty acid

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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