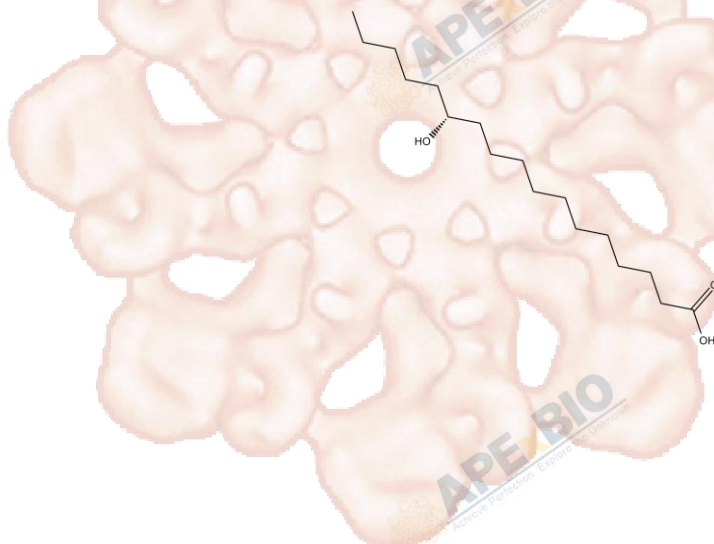


## Product Data Sheet

### 12(S)-hydroxy-16-Heptadecynoic Acid

**Cat. No.:** C5001  
**CAS No.:** 148019-74-3  
**Formula:** C<sub>17</sub>H<sub>30</sub>O<sub>3</sub>  
**M.Wt:** 282.4  
**Synonyms:**  
**Target:** Others  
**Pathway:** Hydroxylases  
**Storage:** Store at -20°C



#### Solvent & Solubility

≤50mg/ml in ethanol;50mg/ml in DMSO;50mg/ml in dimethyl formamide

In Vitro

	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
Preparing Stock Solutions		1 mM	3.5411 mL	17.7054 mL	35.4108 mL
		5 mM	0.7082 mL	3.5411 mL	7.0822 mL
		10 mM	0.3541 mL	1.7705 mL	3.5411 mL

Please refer to the solubility information to select the appropriate solvent.

#### Biological Activity

Shortsummary

mechanism-based inhibitor of cytochrome P450 ω-hydroxylase

IC<sub>50</sub> & Target

In Vitro

##### Cell Viability Assay

Preparation method:

In Vivo

##### Animal experiment

Applications:

## Caution

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

Specific storage and handling information for each product is indicated on the product datasheet. Most APEx BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

**APEx BIO Technology**

**[www.apexbt.com](http://www.apexbt.com)**

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: [info@apexbt.com](mailto:info@apexbt.com)

