

# Product Data Sheet

## 2-fluoro Palmitic Acid

<b>Cat. No.:</b>	C3924
<b>CAS No.:</b>	16518-94-8
<b>Formula:</b>	C16H31FO2
<b>M.Wt:</b>	274.4
<b>Synonyms:</b>	
<b>Target:</b>	GPCR/G protein
<b>Pathway:</b>	S1P receptor inhibitor
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

Soluble in DMSO

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass	1mg	5mg	10mg
	1 mM		3.6443 mL	18.2216 mL	36.4431 mL
	5 mM		0.7289 mL	3.6443 mL	7.2886 mL
	10 mM		0.3644 mL	1.8222 mL	3.6443 mL

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

### Biological Activity

Shortsummary

inhibits sphingosine biosynthesis and long-chain acyl-CoA synthetase

 IC<sub>50</sub> & Target

In Vitro

#### Cell Viability Assay

Preparation method:

In Vivo

#### Animal experiment

Applications:

### Product Citations

See more customer validations on [www.apexbt.com](http://www.apexbt.com).

## References

## 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)

