

## Product datasheet

### C75, fatty acid synthase (FAS) inhibitor ab141397

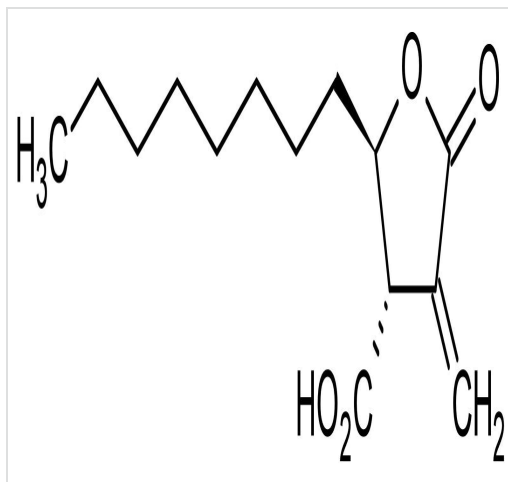
[1 References](#) [1 Image](#)

#### Overview

<b>Product name</b>	C75, fatty acid synthase (FAS) inhibitor
<b>Description</b>	Competitive, irreversible fatty acid synthase (FAS) inhibitor
<b>Purity</b>	> 98%
<b>General notes</b>	This product is manufactured by BioVision, an Abcam company and was previously called 1547 FAS Inhibitor, C75. 1547-1 is the same size as the 1 mg size of ab141397.
<b>CAS Number</b>	191282-48-1
<b>Chemical structure</b>	

#### Properties

<b>Chemical name</b>	(2 <i>R</i> ,3 <i>S</i> )-4-Methylidene-2-octyl-5-oxooxolane-3-carboxylic acid
<b>Molecular weight</b>	254.30
<b>Molecular formula</b>	C <sub>14</sub> H <sub>22</sub> O <sub>4</sub>
<b>PubChem identifier</b>	9881506
<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 DMSO to 25 mM and in ethanol 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>	<chem>CCCCCCCCC1C(C(=C)C(=O)O1)C(=O)O</chem>
<b>Source</b>	Synthetic



2D chemical structure image of ab141397, C75, fatty acid synthase (FAS) inhibitor

Chemical Structure - C75, fatty acid synthase (FAS)  
inhibitor (ab141397)

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

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