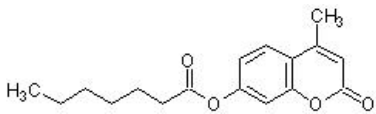


## Product datasheet

# 4-Methylumbelliferyl heptanoate, Fluorogenic lipase substrate ab145482

1 Image

### Overview

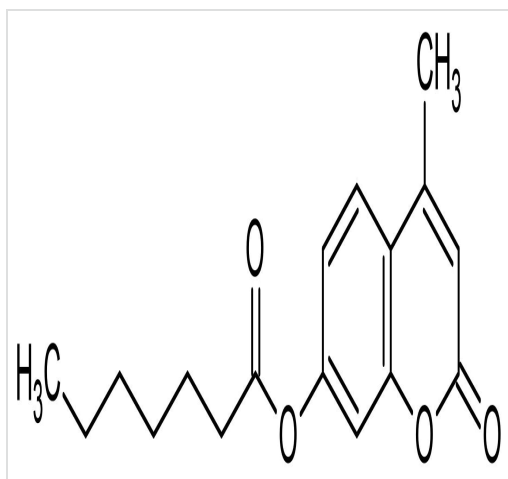
<b>Product name</b>	4-Methylumbelliferyl heptanoate, Fluorogenic lipase substrate
<b>Description</b>	Fluorogenic lipase substrate.
<b>Biological description</b>	Fluorescent substrate for esterases and lipases. Also used to measure cell proliferation and viability.
<b>Purity</b>	> 95%
<b>General notes</b>	Fluorescence: $\lambda_{ex}$ 365 nm; $\lambda_{em}$ 445 nm in 0.1 M Tris pH 8.0, lipase.
<b>CAS Number</b>	18319-92-1
<b>Chemical structure</b>	

### Properties

<b>Excitation</b>	365nm
<b>Emission</b>	445nm
<b>Molecular weight</b>	288.34
<b>Molecular formula</b>	$C_{17}H_{20}O_4$
<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
<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>Source</b>	Synthetic

## Images

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Chemical Structure - 4-Methylumbelliferyl  
heptanoate, Fluorogenic lipase substrate (ab145482)

2D chemical structure image of ab145482, 4-Methylumbelliferyl  
heptanoate, Fluorogenic lipase substrate

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

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