

# Suc-Leu-Leu-Val-Tyr- AMC

## Proteasome substrate

Fluorogenic substrate for 20S proteasome (Prod. No. BML-PW8720) and other chymotrypsin-like proteases, as well as calpains. Ex.: 380nm Em.: 460nm.

Citations: 106

[View Online »](#)

- Fluorogenic substrate of calpains and 20S proteasome
- Used to study the activity of calpains and proteasomal degradation

## Ordering Information

[Order Online »](#)

BML-P802-0005

5mg

## Manuals, SDS & CofA

[View Online »](#)

# Handling & Storage

<b>Use/Stability</b>	As indicated on product label or CoA when stored as recommended.
<b>Handling</b>	Protect from light.
<b>Long Term Storage</b>	-20°C
<b>Shipping</b>	Blue Ice

## Regulatory Status

RUO - Research Use Only

## Product Details

<b>Alternative Name</b>	Suc-LLVY-AMC, Proteasome substrate (fluorogenic), Calpain substrate (fluorogenic)
<b>CAS</b>	94367-21-2
<b>Formula</b>	$C_{40} H_{53} N_5 O_{10}$
<b>Formulation</b>	Lyophilized.
<b>Identity</b>	Determined by ESI-MS.
<b>MW</b>	763.9
<b>Purity</b>	≥97% (HPLC)
<b>Sequence</b>	<i>N</i> -Succinyl-Leu-Leu-Val-Tyr-AMC (AMC=7-amino-4-methylcoumarin)
<b>Solubility</b>	Soluble in DMSO (at least 5mM).

Last modified: May 29, 2024



ENZO LIFE SCIENCES,  
INC.  
Phone: 800.942.0430  
[info-  
usa@enzolifesciences.com](mailto:info-usa@enzolifesciences.com)

European Sales Office  
ENZO LIFE SCIENCES  
(ELS) AG  
Phone: +41 61 926 8989  
[info-  
eu@enzolifesciences.com](mailto:info-eu@enzolifesciences.com)

Belgium, The Netherlands  
& Luxembourg  
Phone: +32 3 466 0420  
[info-  
fr@enzolifesciences.com](mailto:info-fr@enzolifesciences.com)

France  
Phone: +33 472 440 655  
[info-  
fr@enzolifesciences.com](mailto:info-fr@enzolifesciences.com)

Germany  
Phone: +49 7621 5500 526  
[info-  
de@enzolifesciences.com](mailto:info-de@enzolifesciences.com)

UK & Ireland  
Phone (UK customers):  
0845 601 1488  
Phone: +44 1392 825900  
[info-  
uk@enzolifesciences.com](mailto:info-uk@enzolifesciences.com)