# 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 »

## Ordering Information Order Online »

| | |
|---|---|
| **BML-P802-0005** | 5mg |

## Manuals, SDS & CofA View Online »

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

## Handling & Storage

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

## Regulatory Status

RUO - Research Use Only

## Product Details

| | |
|---|---|
| **Alternative Name** | Suc-LLVY-AMC, Proteasome substrate (fluorogenic), Calpain substrate (fluorogenic) |
| **CAS** | 94367-21-2 |
| **Formula** | $C_{40}H_{53}N_5O_{10}$ |
| **Formulation** | Lyophilized. |
| **Identity** | Determined by ESI-MS. |
| **MW** | 763.9 |
| **Purity** | ≥97% (HPLC) |
| **Sequence** | *N*-Succinyl-Leu-Leu-Val-Tyr-AMC (AMC=7-amino-4-methylcoumarin) |
| **Solubility** | Soluble in DMSO (at least 5mM). |

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