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## DATASHEET

Z-Leu-Leu-Leu-AMC

### Product overview

<b>Name</b>	Z-Leu-Leu-Leu-AMC
<b>Cat No</b>	HB4133
<b>Description</b>	Fluorogenic tri-peptide substrate. Useful for measuring trypsin-like 20S proteasome peptidase activity.
<b>Purity</b>	>95%

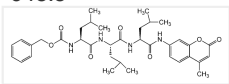
### Biological Data

<b>Biological description</b>	Fluorogenic substrate for measuring the chymotrypsin-like peptidase activity of the 20S proteasome. Excitation: 345nm. Emission: 445nm. This substrate is useful for inhibitor screening and kinetic analysis.
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### Solubility & Handling

<b>Storage instructions</b>	+4 °C
<b>Important</b>	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

### Chemical Data

<b>Molecular Weight</b>	648.8
<b>Chemical structure</b>	
<b>CAS Number</b>	152015-61-7
<b>PubChem identifier</b>	0
<b>SMILES</b>	<chem>CC(C)C[C@H](NC(=O)OCc1ccccc1)C(=O)N[C@@H](CC(C)C)C(=O)NC(=O)[C@H](CC(C)C)Nc2cc3C(=CC(=O)Oc3c2)C</chem>
<b>InChiKey</b>	MBZJQSNQQJWUBH-DTXPUJKBSA-N
<b>Appearance</b>	Solid lyophilized powder