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DATASHEET

Z-Leu-Leu-Leu-AMC

Product overview

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

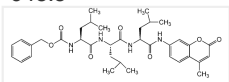
Biological Data

Biological description	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

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

Chemical Data

Molecular Weight	648.8
Chemical structure	
CAS Number	152015-61-7
PubChem identifier	0
SMILES	<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>
InChiKey	MBZJQSNQQJWUBH-DTXPUJKBSA-N
Appearance	Solid lyophilized powder