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## DATASHEET

Ac-Arg-Leu-Arg-AMC

### Product overview

<b>Name</b>	Ac-Arg-Leu-Arg-AMC
<b>Cat No</b>	HB3733
<b>Purity</b>	>97%
<b>Description</b>	Fluorogenic tri-peptide substrate. Useful for measuring trypsin-like 20S proteasome peptidase activity.

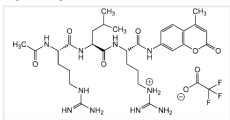
### Biological Data

<b>Biological description</b>	Fluorogenic tri-peptide substrate for measuring the trypsin-like peptidase activity of the 20S proteasome. It is cleaved exclusively at the amide R-AMC bond to release fluorescent product. Shows low Km and high specific activity. Excitation: 380nm. Emission: 460nm. 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>	642.8
<b>Chemical structure</b>	
<b>CAS Number</b>	929903-87-7
<b>InChiKey</b>	CEEMPRHZPRGAAK-RGRVRPFLSA-N
<b>Appearance</b>	Solid lyophilized powder