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DATASHEET

Ac-Arg-Leu-Arg-AMC

Product overview

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

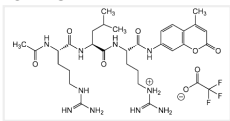
Biological Data

Biological description	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 K_m and high specific activity. Excitation: 380nm. Emission: 460nm. 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	642.8
Chemical structure	
CAS Number	929903-87-7
InChiKey	CEEMPRHZPRGAAK-RGRVRPFLSA-N
Appearance	Solid lyophilized powder