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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 Km and high specific activity. Excitation: 380nm. Emission: 460nm. This substrate is useful for

inhibitor screening and kinetic analysis.

Solubility & Handling

Storage instructions

Important

+4°C

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 Chemical structure

929903-87-7

CAS Number InChiKey Appearance

CEEMPRHZPRGAAK-RGRVRPFLSA-N

Solid lyophilized powder