Ac-Arg-Leu-Arg-AMC

This fluorogenic peptide is often the substrate of choice for assaying the trypsin-like activity of purified proteasomes. Benefits include a low K_m, high specific activity, and the fact that the substrate is cleaved exclusively at the R-AMC bond.

Several substrates with R-AMC scissile bonds can be used for assaying trypsin-like activity. One such substrate is Ac-Arg-Leu-Arg-AMC, which benefits from a low Km, high specific activity and the fact that it is cleaved exclusively at the R-AMC bond. This fluorogenic peptide is often the substrate of choice for assaying the trypsin-like activity of purified proteasomes.

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Ordering Information

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BML-AW9785-0005	5mg

Manuals, SDS & CofA

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Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Ac-RLR-AMC
Appearance	Solid.
Formula	$C_{30}H_{46}N_{10}O_6$
Formulation	Lyophilized.
MW	642.7
Purity	≥97% (HPLC)
Sequence	Ac-Arg-Leu-Arg-AMC
Solubility	Soluble in DMSO, methanol or aqueous solutions.

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