

Z-Phe-Arg-MCA Substrate

Z-Phe-Arg-MCA

CATALOG #
AAA60632

PRODUCT SYNONYMS

Z-Phe-Arg-MCA; Z-Phe-Arg-MCA substrate

PRODUCT SPECIFICATIONS

Cas Number	65147-22-0
Molecular Formula	$C_{33}H_{36}N_6O_6$
Appearance	White amorphous powder or jelly-like solid
Specific Optical Rotation	$[\alpha]_D^{20} -30.2^\circ$ (C* 1.01, 50% AcOH) *c value was calculated from the net peptide weight.
Elemental Analysis	Found : C, 58.37 ; H, 5.86 ; N, 12.35 %
Amino Acid Analysis	Acid Hydrolisis : 6M HCL with phenol, 110°C, 24h Phe (1) 1.00 ; Arg (1) 1.00
Thin Layer Chromatography	Layer: Silica Gel 60 Application: 100 ug Solvent System : $CHCl_3$: MeOH : AcOH=85 : 15 :5 $CHCl_3$: MeOH : AcOH : H_2O = 10 : 10 : 1 : 10 (lower phase) Located by HBr/ninhydrin reagent
Preparation and Storage	Store at -20°C.

ADDITIONAL INFORMATION

Product Categories/Family for Z-Phe-Arg-MCA substrate	Enzyme Substrate
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NCBI AND UNIPROT INFORMATION

Molecular Weight	612.68
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/substrate/z-phe-arg-mca/60632>