

Boc-Leu-Lys-Arg-MCA Substrate

Boc-Leu-Lys-Arg-MCA

CATALOG #
AAA60638

PRODUCT SYNONYMS

Boc-Leu-Lys-Arg-MCA; Boc-Leu-Lys-Arg-MCA substrate

PRODUCT SPECIFICATIONS

Formula	$C_{33}H_{52}N_8O_7$
Appearance	White amorphous powder
Specific Optical Rotation	$[\alpha]_D^{20} -63.1^\circ$ (c* 1.1, 50% AcOH) *C value was calculated from the net peptide weight.
Elemental Analysis	Found: C, 52.50 ; H, 7.69 ; N, 13.27 %
Amino Acid Analysis	Acid Hydrolysis : 6M HCl, 110°C, 24h. ; Leu (1)1.01 ; Lys (1)1.00 ; Arg (1)1.00
Thin Layer Chromatography	Single Spot ; Layer: Silica Gel 60 ; Application: 100ug; Solvent System: n-BuOH:AcOH:H ₂ O:pyridine=15:3:12:10 , n-BuOH:AcOH:H ₂ O=4:1:5 (upper phase) Located by ninhydrin reagent.
Preparation and Storage	Store at <-15°C.

ADDITIONAL INFORMATION

Product Categories/Family for Boc-Leu-Lys-Arg-MCA substrate	Enzyme Substrate
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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/boc-leu-lys-arg-mca/60638>