

Ac-Gly-Lys-OMe; AcOH [AGLME] Substrate

Ac-Gly-Lys-OMe; AcOH [AGLME]

CATALOG #
AAA60629

PRODUCT SYNONYMS

Ac-Gly-Lys-OMe; AcOH [AGLME]; AcOH [AGLME] substrate

PRODUCT SPECIFICATIONS

Cas Number	14752-92-2
Appearance	White powder
Formula	C ₁₄ H ₂₁ N ₃ O ₄
Melting Point	138 ~ 129°C
Specific Optical Rotation	[?] ¹⁷ _D -18.5° (C 2.0 , MeOH)
Elemental Analysis	Calculated for C ₁₄ H ₂₁ N ₃ O ₄ • 1AcOH C, 48.89 ; H, 7.89 ; N, 13.16 % Found: C, 48.98 ; H, 7.79 ; N, 13.10 %
Thin Layer Chromatography	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 iodine and ninhydrin reagent
Preparation and Storage	Store at -20 degree C

ADDITIONAL INFORMATION

Related Product Information for Ac-Gly-Lys-OMe; AcOH [AGLME] substrate	Acetyl-Glycyl-L-Lysine Methyl Ester [AGLME] (M.W. 259.30; 60.05) C ₁₁ H ₂₁ N ₃ O ₄ ; CH ₃ COOH [14752-92-2] Substrate for u-PA (Urokinase) and C1s P.L. Walton, Biochim. Biophys. Acta., 132, 104 (1967). N. Miwa, Y. Obata, and A. Suzuki, Biochem. Biophys. Res. Commun., 112, 754 (1983). R.B. Sim, In, Proteolytic Enzymes Part C, Methods in Enzymology, Vol. 80, (L. Lorand, Ed.), Academic Press, New York, 1981, pp. 26-42. Grade A
Product Categories/Family for Ac-Gly-Lys-OMe; AcOH [AGLME] substrate	Enzyme Substrate

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/ac-gly-lys-ome-acoh-aglme/60629>