

Glatiramer Acetate Biochemical

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CATALOG #
AAA24108

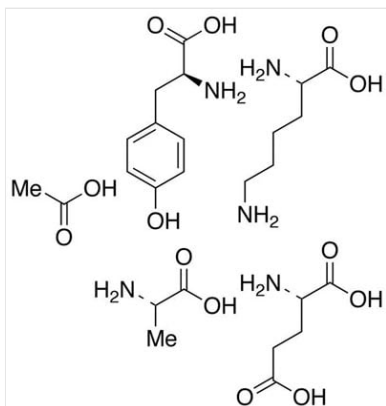
PRODUCT SYNONYMS

Glatiramer Acetate; Glatiramer Acetate biochemical

PRODUCT SPECIFICATIONS

Purity/Purification	100%
Form/Format	Supplied as an off-white solid
Molecular Formula	$C_9H_{11}NO_3 \cdot C_6H_{14}N_2O_2 \cdot C_5H_9NO_4 \cdot C_3H_7NO_2$
Reconstitution	Reconstitute with sterile PBS to a concentration of ~1mg/ml.
Toxicity and Hazards	All products should be handled by qualified personnel only, trained in laboratory procedures.
Preparation and Storage	Lyophilized powder may be stored at -20°C. Stable for 6 months after receipt at -20°C.

IMAGES



Structure

Structure of AAA24108L-Alanine polymer with L-Glutamic Acid L-Lysine L-Tyrosine Acetate ; L-Tyrosine polymer with L-Alanine L-Glutamic Acid L-Lysine Acetate; 511: PN: WO2010103292 PAGE: 64 claimed sequence; Cop 1; Copaxone; Copolymer 1; L-Glutamic Acid peptide with L-Alanine L-Lysine L-Tyrosine Acetate Salt; Protiramer; TV 5010

ADDITIONAL INFORMATION

Related Product Information for Glatiramer Acetate biochemical	Glatiramer (acetate) is a mixture of synthetic polypeptides composed of four amino acids found in myelin basic protein (MBP): L-Alanine, L-glutamic acid, L-lysine, and L-tyrosine. It prevents MBP from binding to MHC class II molecules in the periphery and induces the production of immunomodulatory molecules considered to be anti-inflammatory. 1 It aslso increases proliferation of oligodendrocyte and neuronal precursor cells in the central nervous system of mice. Formulations containing Glatiramer (acetate) are used to treat patients with multiple sclerosis, particular the relapsing-remiting type. Glatiramer acetate is a random basic synthetic copolymere of L-alanine, L-Lysine, L-glutamic acid and L-tyrosine in a molar ratio of 6:1.9:4.7:1. Glatiramer acetate is an immunomodulator used in treatment of multiple sclerosis. L-alanine: C₃H₇NO₂ L-lysine: C₆H₁₄N₂O₂ L-glutamic acid: C₅H₉NO₄ L-tyrosine: C₉H₁₁NO₃
Product Categories/Family for Glatiramer Acetate biochemical	Biochemicals; Biochem-Amino Acids

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/biochemical/glatiramer-acetate/24108>