

SELF-ASSEMBLIES BASED ON THE NEW OMEGA-3 LIPID EICOSAPENTAENOIC ACID MONOGLYCERIDE

ω -3 PUFA supplements are not only available in free fatty acid, triglyceride, ethyl ester, and phospholipid-enriched forms but they are also available in the form of monoglycerides (monoacylglycerols): eicosapentaenoic acid (MAG-EPA), docosahexaenoic acid (MAG-DHA), and docosapentaenoic acid (MAG-DPA) monoglycerides, respectively. Recent studies demonstrated the potential therapeutic use of these newly synthesized omega-3 (ω -3) polyunsaturated fatty acid (PUFA) monoglycerides owing to their beneficial health effects in various disorders including cancer and inflammation diseases.

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