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5.7.4 Biological functions of 12-lipoxygenases

Sommario/riassunto

Polyunsaturated fatty acids are essential for human cell metabolism. As precursors of a very large and extremely versatile family of signaling compounds they play a key role in intracellular communication. Eicosanoids constitute one of the most abundant and prominent subfamilies of these fatty acid derivatives which are formed primarily along oxidative pathways. Prostaglandins, leukotrienes, and related eicosanoids have a modulatory function in mammalian cells and are responsible for tissue responses such as inflammation or wound repair. Increasing activity in eicosanoid research sheds new lig
