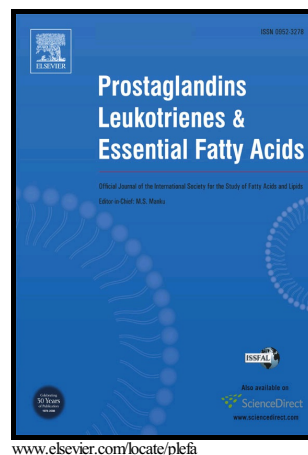


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E-configuration structures of EPA and DHA derived from *Euphausia superba* and their significant inhibitive effects on growth of human cancer cell lines in vitro

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**E-configuration structures of EPA and DHA derived from
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of human cancer cell lines *in vitro***

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Abstract:

Many bioactive components such as poly-unsaturated fatty acids (e.g. EPA and DHA), phospholipids and astaxanthin are known in Antarctic krill (*Euphausia superba*) oil. The krill DHA and EPA are generally considered to be similar to natural ones. However, two chemical compounds which were separated from Antarctic krill oil and identified as EPA and DHA by HRESIMS and NMR acted much more effective inhibitive activities on growth of several cell lines (U937, K562,

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