

عنوان مقاله:

Marine natural compounds as natural antioxidants: a briefreview

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نویسندگان:

Salim Sharifian - Fisheries Department, Faculty of Marine Sciences, Chabahar Maritime University, Chabahar, Iran

Rohallah Zare - Marine Biology Department, Faculty of Marine Sciences, Chabahar Maritime University, Chabahar, Iran

خلاصه مقاله:

Antioxidants are essential compounds that protect the body from the damaging effects of freeradicals. They play a vital role in maintaining good health and preventing the development of variousdiseases. Seaweed and marine natural compounds have been found to be rich sources of antioxidants,making them a promising area of research. Marine algae, for example, contain high concentrationsof antioxidants such as polyphenols, phlorotannins, and carotenoids, which have been shown to haveanti-inflammatory, anticancer, and neuroprotective properties. Similarly, seaweed extracts, such asbrown seaweed, have been found to contain high levels of antioxidants, as well as other beneficialcompounds, such as iodine and alginate. These properties make seaweed and marine naturalcompounds ideal candidates for the development of new functional foods, supplements, andcosmetics. Additionally, the antioxidant content of seaweed and marine natural compounds can beenhanced through various processing techniques, making them even more valuable for health andwellness applications. Therefore, in the present study, an attempt has been made to conduct acomprehensive review of the antioxidant properties of natural marine compounds.

کلمات کلیدی:

Antioxidant, Marine natural components, Seaweed

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