METHOD OF TREATING OXIDATIVE STRESS DUE TO RADIATION EXPOSURE

ABSTRACT OF THE DISCLOSURE

A method of treating a subject afflicted with oxidative stress due to radiation exposure has the steps of preparing glucosidic astaxanthin by reacting astaxanthin with a monosaccharide, and administering a therapeutic amount of the glucosidic astaxanthin to the subject in need of such treatment. The astaxanthin is reacted with the monosaccharide at a microwave frequency of between 1 and 100 GHz for at least one second and no more than 25 seconds. The glucosidic astaxanthin can be added to a carrier material.

Figure for publication: None