

ABSTRACT

SCHIZOCHYTRIUM STRAIN AND USE THEREOF, MICROBIAL OIL CONTAINING DHA AT SN-2 POSITION AND PREPARATION AND USE THEREOF

This disclosure relates to microbial technology, and more particularly to a *Schizochytrium* strain and a use thereof, a microbial oil containing DHA at an Sn-2 position, and a preparation and uses thereof. Sn-2 fatty acids of a triglyceride in the microbial oil contain 23% or more by weight of DHA. The microbial oil is prepared by fermentation using a *Schizochytrium* strain, where the *Schizochytrium* strain is *Schizochytrium* sp. with an accession number of GDMCC No.60733. The absorption of the DHA in the microbial oil produced by the *Schizochytrium* GDMCC No.60733 is significantly higher than that in the microbial oil produced by an ordinary *Schizochytrium* strain, facilitating the enrichment of DHA in human body.

(No Suitable Figure)