

A food supplement having prophylactic and anti-cancer effects comprises 20 to 99.99% by weight of a product of biosynthesis by the productive microorganism *Penicillium oxalicum* var. *Armeniaca* CCM 8242, obtained by fermentation of a nutrient broth containing carbohydrates and ammonia nitrogen, and 0.01 to 80% by weight of a physiologically inert carrier, and optionally auxiliary additives.