
Lemon Extracellular Vesicles from Fructification

L1372954

Storage temperature and transportation conditions

Storage at 2-8 °C, transportation in ice packs.

Product Introduction

Lemons are rich in active components such as citric acid, vitamin C, flavonoids (e.g., hesperidin), and volatile oils (limonene, etc.), exhibiting significant antioxidant, anti-inflammatory, and digestive-promoting functions.

Lemon extracellular vesicles are natural vesicles extracted from their pulp, enclosed by a phospholipid bilayer membrane and carrying functional molecules like nucleic acids, proteins, and citric acid. They show important application values in inhibiting free radical damage, reducing inflammation, promoting collagen synthesis, lightening pigmentation, enhancing immunity, and cardiovascular protection.

Origin

Lemon fruit.

EVs Number

> 1.0E+11 Particles/mL.

Size

30-300 nm.

Form

fructification.

Application and intended use

For in vitro and in vivo studies.

Loading of molecules.

Drug delivery system.

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.