

Olive Leaves Extracellular Vesicles from Leaves

E1372955

Storage temperature and transportation conditions

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

Product Introduction

Olive leaves are rich in active components such as polyphenols (oleuropein), exhibiting significant antioxidant, anti-inflammatory, and blood pressure-lowering functions.

Olive leaves extracellular vesicles are natural vesicles extracted from their leaves, enclosed by a phospholipid bilayer membrane and carrying functional molecules like nucleic acids, proteins, polyphenols, and flavonoids. They show important application values in inhibiting free radical damage, cardiovascular protection, anti-aging, antibacterial, antiviral effects, and metabolic disease management.

Origin

Olive Leaves

EVs Number

> 1.0E+11 Particles/mL.

Size

30-300 nm.

Form

Lyophilized.

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.