
Centella Asiatica Extracellular Vesicles from Whole Herb

S1372956

Storage temperature and transportation conditions

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

Product Introduction

Centella asiatica is rich in active ingredients such as triterpenoid saponins (e.g., asiaticoside, madecassoside), flavonoids, and polyphenols, possessing significant antioxidant, anti-inflammatory, and repairing functions. Centella asiatica-derived extracellular vesicles (CA-EVs) are natural vesicles extracted from the whole plant and leaves, enclosed by a phospholipid bilayer membrane, and carry functional molecules such as nucleic acids, proteins, terpenes, and flavonoids. They exhibit significant application value in inhibiting free radical damage, reducing inflammation, activating fibroblasts to promote collagen regeneration, strengthening the skin barrier, repairing wounds, and improving skin elasticity.

Origin

Centella Asiatica.

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.