

**Product Name:** Artesunate

**Cat. No.:** BIAAA-2505-CXX-4

**Package:** 100 mg/500 mg

## Description

It depolarizes mitochondrial membranes by generating ROS, disrupting the electron transport chain; ROS generation depends on RIP1. Inhibits TNF $\alpha$ -induced proinflammatory cytokine production in human RA synoviocytes.

## Product Details

**Formal Name:** Succinyl dihydroartemisinin

**Purity:** >98%

**CAS Number:** 88495-63-0

**Formula:** C<sub>19</sub>H<sub>28</sub>O<sub>8</sub>

**Molecular Weight:** 384.42

**Appearance:** Powder

**Solubility:** Dissolves in DMSO (up to 25 mg/mL) or in ethanol (up to 20 mg/mL).

**Stability:**  $\geq$  1 year

**Application Procedures:** First, dissolve in DMSO (up to 25 mg/mL) or in Ethanol (up to 20 mg/mL), and then dilute it into an aqueous buffer. Solutions in DMSO or ethanol can be stored at -20°C for up to 1 month.

**Storage Information:** -20°C

## Application

Cancer stem cell inhibitor

 For preclinical research and development use only; not intended for therapeutic or other applications.