

**Product Name:** Dodecyl-TPP

**Cat. No.:** BIAOS-2505-CXX-17

**Package:** 50 mg/250 mg

## Description

A mitochondria-targeting agent that inhibits oxidative phosphorylation, shifting cell metabolism to glycolysis.

## Product Details

**Formal Name:** Dodecyltriphenylphosphonium bromide

**Purity:** >98%

**CAS Number:** 15510-55-1

**Formula:** C<sub>30</sub>H<sub>40</sub>BrP

**Molecular Weight:** 511.5

**Appearance:** Powder

**Solubility:** Dissolves in DMSO up to 50 mg/mL, or ethanol (25 mg/mL)

**Stability:** ≥ 2 years

**Application Procedures:** First, dissolve in DMSO up to 50 mg/mL, or Ethanol (25 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:** Room Temperature

## Application

Mitochondria-targeted cancer stem cell inhibitor

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