

**Product Name:** Honokiol-DCA

**Cat. No.:** BIAOS-2505-CXX-23

**Package:** 5 mg/25 mg

## Description

A synthetic bis-dichloroacetate ester of honokiol that allosterically inhibits mitochondrial chaperone TRAP1 (IC<sub>50</sub> ~ 8 μM). TRAP1 inhibition upregulates succinate dehydrogenase and mitochondrial deacetylase SIRT3.

## Product Details

**Formal Name:** Honokiol bis-dichloroacetate

**Synonyms:** HDCA

**Purity:** >98%

**CAS Number:** 1620160-42-0

**Formula:** C<sub>22</sub>H<sub>18</sub>Cl<sub>4</sub>O<sub>4</sub>

**Molecular Weight:** 488.2

**Appearance:** Oil

**Solubility:** Dissolves in DMSO (up to 50 mg/mL)

**Stability:** ≥ 2 years

**Application Procedures:** First, dissolve in DMSO (up to 50 mg/mL), and then dilute it into an aqueous buffer. Solutions in DMSO can be stored at -20°C for up to 1 month.

**Storage Information:** -20°C

## Application

TRAP1 inhibitor

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