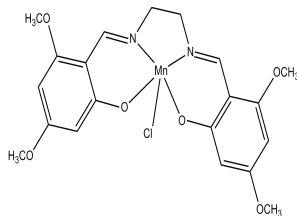


**EUK-124**

**ALTERNATE NAME:** Chloro[[2,2'-(1,2-ethanediylbis[(nitrilo-kN)methylidyne]]bis[3,5-dimethoxyphenolato-kO]](2-)]-manganese

**CATALOG #:** 2174-5, 25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**

**MOLECULAR FORMULA:** C<sub>20</sub>H<sub>22</sub>ClMnN<sub>2</sub>O<sub>6</sub>

**MOLECULAR WEIGHT:** 476.79

**CAS NUMBER:** 186299-35-4

**APPEARANCE:** Off-white solid

**SOLUBILITY:** DMSO (~ 20 mg/ml)

**PURITY:** ≥95%

**STORAGE:** Store at -20°C. Protect from air and moisture

**DESCRIPTION:** A structural analog of EUK 8 and EUK 134 with significantly reduced activity. Acts as a synthetic catalytic scavenger of reactive oxygen species with superoxide dismutase (SOD) and catalase mimetic activity. EUK 124 inhibits superoxide-mediated reduction of an electron acceptor (i.e., SOD mimetic activity), with an IC<sub>50</sub> value of 5 μM.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

EUK-118 (Cat. No. 2173-5, 25)

EUK-134 (Cat. No. 2175-5, 25)

FeTPPS (Cat. No. 2065-25, 100)

MnTBAP Chloride (Cat. No. 2058-10, 50)

MnTMPyP Pentachloride (Cat. No. 2056-10, 50)

SOD-1 Antibody (Cat. No. 3058-100)

Superoxide Dismutase, human recombinant (Cat. No. 4802-100)

**FOR RESEARCH USE ONLY! Not to be used in humans.**