

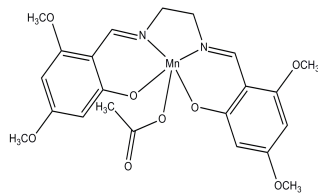
EUK-118

ALTERNATE NAME: (Acetato-κO)[[2,2'-[1,2-ethanediy]bis[(nitriilo-κN)methylidyne]]bis[3,5-dimethoxyphenolato-κO]](2-)-manganese

CATALOG #: 2173-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₂H₂₅MnN₂O₈

MOLECULAR WEIGHT: 500.38

CAS NUMBER: 186299-34-3

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. Superoxide-mediated reduction of an electron acceptor (i.e., SOD mimetic activity) was inhibited by EUK 118 with an IC₅₀ value of 2.0 μm.

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

RELATED PRODUCTS:

EUK-124 (Cat. No. 2174-5, 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)