


## MnTBAP Chloride

<b>ALTERNATE NAME:</b>	Manganese (III) tetrakis (4-benzoic acid)porphyrin chloride
<b>CATALOG #:</b>	2058-10, 50
<b>AMOUNT:</b>	10 mg, 50 mg
<b>STRUCTURE:</b>	
<b>MOLECULAR FORMULA:</b>	$C_{48}H_{28}MnN_4O_8Cl$
<b>MOLECULAR WEIGHT:</b>	879.15
<b>CAS NUMBER:</b>	55266-18-7
<b>APPEARANCE:</b>	Black solid
<b>SOLUBILITY:</b>	Dissolve at 0.1 M in aqueous base, then add buffer to lower pH to pH 7.0 or higher as needed.
<b>PURITY:</b>	≥97% (MS)
<b>STORAGE:</b>	Store at -20 °C. Protect from air and light.

**DESCRIPTION:** A cell-permeable superoxide dismutase (SOD) mimetic and potent inhibitor of peroxynitrite-induced oxidative reactions (peroxynitrite scavenger), but not a scavenger of nitric oxide (NO). Protects T cells from superoxide generation, caspase-dependent DNA loss and cell death. Also inhibits neuronal apoptosis.

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

### RELATED PRODUCTS:

- Ascorbic Acid Assay Kit (**Cat. No. K661-100**)
- Ascorbic Acid Assay Kit II (FRASC) (**Cat. No. K671-100**)
- Caffeic Acid (**Cat. No. 2006-100, 500**)
- Catalase Assay kit (**Cat. No. K773-100**)
- Deferoxamine Mesylate (**1883-500, 1000**)
- (-)-Epigallocatechin gallate (**Cat. No. 1841-50**)
- Glutathione (GSH/GSSG Total) Assay Kit (**Cat. No. K264-100**)
- Glutathione Colorimetric Assay Kit (**Cat. No. K261-100**)
- Glutathione Fluorometric Assay Kit (**Cat. No. K251-100**)
- Glutathione Peroxidase Assay Kit (**Cat. No. K762-100**)
- Glutathione Reductase Assay Kit (**Cat. No. K761-100**)
- GST Colorimetric Assay Kit (**Cat. No. K263-100**)
- GST Fluorometric Assay Kit (**Cat. No. K263-100**)
- Hydrogen Peroxide Assay Kit (**Cat. No. K265-100**)
- Luteolin (**Cat. No. 2005-5, 25**)
- MnTMPyP Pentachloride (**Cat. No. 2056-10, 50**)
- Nitric Oxide Colorimetric Assay Kit (**Cat. No. K263-100**)
- Nitric Oxide Fluorometric Assay Kit (**Cat. No. K252-100**)
- Piperlongumine (**Cat. No. 1919-10, 50**)
- Piperlonguminine (**Cat. No. 1988-10, 50**)
- Resveratrol (**Cat. No. 1758-100, 500**)
- Rosmarinic Acid (**Cat. No. 1843-50, 250**)
- SOD Activity Assay Kit (**Cat. No. K335-100**)
- Thioredoxin Reductase Assay Kit (**Cat. No. K763-100**)
- Tiliroside (**Cat. No. 1879-1,5**)
- Total Antioxidant Capacity Assay Kit (**Cat. No. K274-100**)
- Uric Acid Assay Kit (**Cat. No. K608-100**)
- Xanthine Oxidase Assay Kit (**Cat. No. K710-100**)

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