

## MnTMPyP Pentachloride

**ALTERNATE NAME:** Manganese (III) tetrakis (1-methyl-4-pyridyl)porphyrin . 5Cl<sup>-</sup>

**CATALOG #:** 2056-10, 50

**AMOUNT:** 10 mg, 50 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>44</sub>H<sub>36</sub>MnN<sub>8</sub>Cl<sub>5</sub>

**MOLECULAR WEIGHT:** 909.01

**CAS NUMBER:** 100012-18-8

**APPEARANCE:** Black solid

**SOLUBILITY:** In aqueous base

**PURITY:** ≥96% by elemental analysis

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

**DESCRIPTION:** A cell-permeable superoxide dismutase (SOD) mimetic and a peroxynitrite scavenger as well as an oxidative stress inhibitor. Displays protective effect against H<sub>2</sub>O<sub>2</sub>-mediated injury. Also displays neuroprotective properties.

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