MnTMPyP . pentachloride

SOD mimetic. Peroxynitrite scavenger.

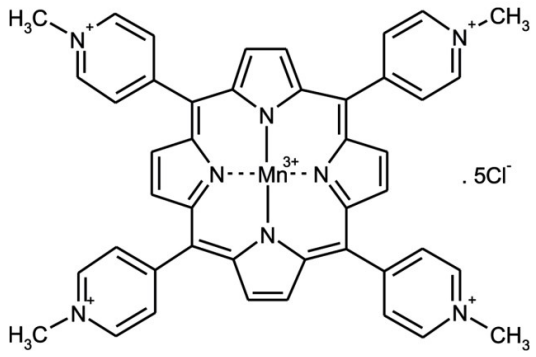
Cell permeable superoxide dismutase (SOD) mimetic and peroxynitrite scavenger. Catalyzes the dismutation of O_2^- even in the presence of excess EDTA. Displays a protective effect against H_2O_2 mediated injury in astroglial cells.

Citations: 11 View Online »

Ordering Information Order Online »

ALX-430-070-M010	10mg
ALX-430-070-M050	50mg

Manuals, SDS & CofA View Online »


H3C
N+
CH3
N+
N
N
Mn3+
N
. 5Cl-
N
H3C
N+
CH3
N+

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Handling	Prepare fresh solutions daily, immediately prior to use
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	Black crystalline powder.
Formula	$C_{44}H_{36}MnN_8Cl_5$
MW	909.0
Purity	≥95% (TLC)
Solubility	Soluble in water or aqueous buffers (e.g. 0.1M TRIS-HCl, pH 9.0 containing 1mM EDTA (>50mg/ml) or PBS, pH 7.2 (4mg/ml)).

Last modified: May 29, 2024

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

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