

Product datasheet

# MnTMPyP Pentachloride, SOD/Catalase mimetic

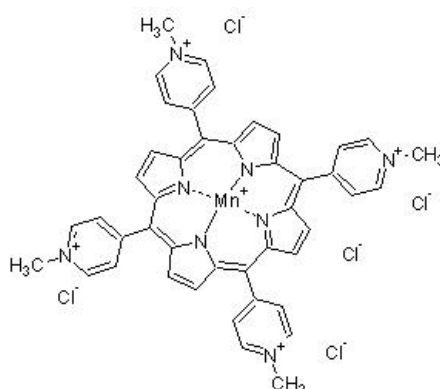
## ab142212

[1 References](#) [1 Image](#)

### Overview

<b>Product name</b>	MnTMPyP Pentachloride, SOD/Catalase mimetic
<b>Description</b>	Cell-permeable SOD/Catalase mimetic
<b>Purity</b>	> 96%
<b>General notes</b>	This product is manufactured by BioVision, an Abcam company and was previously called 2056 MnTMPyP Pentachloride. 2056-50 is the same size as the 50 mg size of ab142212.

### Chemical structure



### Properties

<b>Chemical name</b>	5,10,15,20-Tetrakis(1-methylpyridinium-4-yl)-21 <i>H</i> ,23 <i>H</i> -porphyrin manganese(III) pentachloride
<b>Molecular weight</b>	909.01
<b>Molecular formula</b>	Mn(C <sub>44</sub> H <sub>36</sub> N <sub>8</sub> )Cl <sub>5</sub>
<b>PubChem identifier</b>	4233
<b>Storage instructions</b>	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in water
<b>Handling</b>	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room

temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

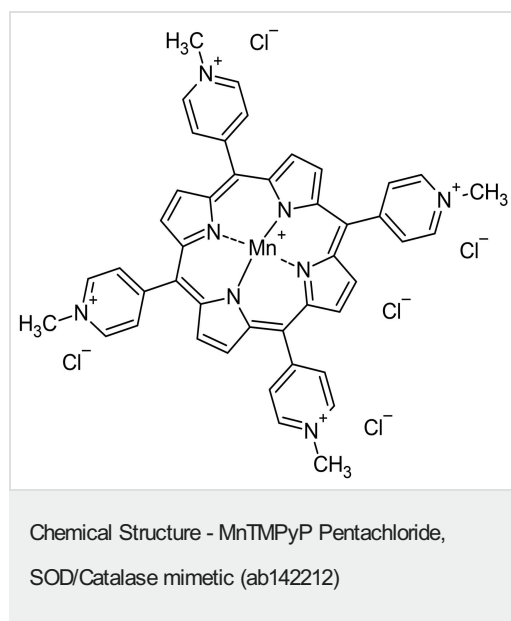
## SMILES

C[N+]1=CC=C(C=C1)C2=C3C=CC(=C(C4=NC(=C(C5=CC=C([N-]5)C(=C6C=CC2=N6)C7=CC=[N+](C=C7)C)C8=CC=[N+](C=C8)C)C=C4)C9=CC=[N+](C=C9)C)[N-]3.[Mn+3]

## Source

Synthetic

## Images



2D chemical structure image of ab142212, MnTMPyP  
Pentachloride, SOD/Catalase mimetic

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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