TEMPOL

SOD mimetic

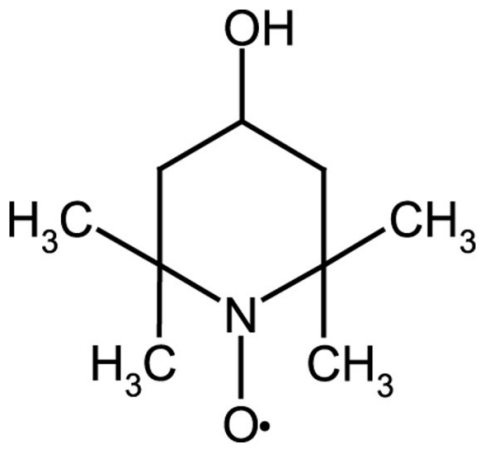
Small molecule cell-permeable superoxide dismutase (SOD) mimetic. It attenuates superoxide anion and peroxynitrite-induced inflammation, lowers blood peressure in a variety of models and displays neuroprotective effects. It restores mitochondrial and cardiac functions in TNFα-induced oxidative stress and reduces cardiac hypertrophy in chronic hypoxic rats.

Citations: 33 View Online »

Ordering Information Order Online »

ALX-430-081-G001	1g

Manuals, SDS & CofA View Online »

OH
H3C
CH3
N
H3C
CH3
O•

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Handling	Protect from light.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	4-OH-TEMPO, 4-Hydroxy-TEMPO, 4-Hydroxy-2,2,6,6-tetramethylpiperidinyloxy, free radical
Appearance	Yellow to orange crystalline solid.
CAS	2226-96-2
Formula	$C_9H_{18}NO_2$
MW	172.2
Purity	≥98% (HPLC)
Solubility	Soluble in water, 100% ethanol, methanol or DMSO.

Last modified: May 29, 2024

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