Mito-TEMPO

Mitochondria-targeted antioxidant

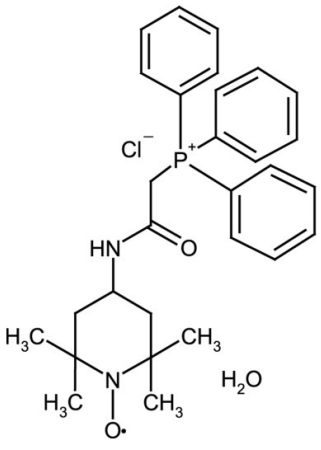
Mitochondria-targeted antioxidant with superoxide and alkyl radical scavenging properties, which may be used for both *in vivo* and *in vitro* experiments.

Citations: 66 View Online »

Ordering Information Order Online »

ALX-430-150-M005	5mg

Manuals, SDS & CofA View Online »


Cl⁻
P⁺
HN
O
H3C
CH3
N
H3C
CH3
O•
H2O

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Solutions in water, saline, ethanol or DMSO are stable at +4°C for 1-2 weeks. DMSO stock solution can be stored also at -20°C.
Handling	Protect from light.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	(2-(2,2,6,6-Tetramethylpiperidin-1-oxyl-4-ylamino)-2-oxoethyl)triphenylphosphonium chloride
Appearance	Colorless film to pale orange solid.
CAS	1334850-99-5
Formula	$C_{29}H_{35}N_2O_2ClP$
Identity	Determined by MS.
MW	510.03
Purity	≥95% (TLC)
Solubility	Soluble in water, DMSO, 100% ethanol or methanol.

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