EMPO

Spin trapping reagent

Beside DEPMPO (Prod. No. ALX-430-093), most efficient spin trap for the *in vitro* and *in vivo* detection of O-, N-, S-, and C-centered free radicals. Has a longer life-time than DMPO (Prod. No. ALX-430-090).

Citations: 16 View Online »

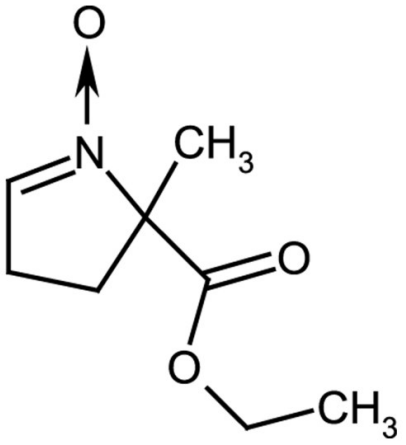
Ordering Information Order Online »

ALX-430-098-M010	10mg
ALX-430-098-M050	50mg

Manuals, SDS & CofA View Online »



Spectrum of the (O^{2-}) – EMPO adduct.



Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Store solutions at -20°C.
Handling	Protect from light. Hygroscopic.
Short Term Storage	-20°C
Long Term Storage	-80°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	2-Ethoxycarbonyl-2-methyl-3,4-dihydro-2H-pyrrole-1-oxide
Appearance	Colorless to light yellow oil.
Formula	$C_8H_{13}NO_3$
Identity	Determined by NMR.
MW	171.2
Purity	≥95% (HPLC)
Solubility	Soluble in water, DMSO, ethanol or dichloromethane.

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