

## DMPO, Spin trap

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Catalog	Unit
TBI2299-100MG	100 mg
TBI2299-500MG	500 mg

### Product Details

**Formal Name:** 5,5-Dimethyl-1-pyrroline N-oxide

**Molecular Formula:** C<sub>6</sub>H<sub>11</sub>NO

**Formula Weight:** 113.16

**CAS Number:** 3317-61-1

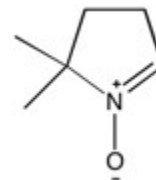
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 25 mg/ml) or in Ethanol (up to 25 mg/ml).

**Storage:** -20°C

**Stability:** ≥ 2 years.



### Applications

Spin trap

### Functions

Hydrophilic spin trap for superoxide, O-, C-, S- and N-centered free radicals. Useful for both in vivo and in vitro studies. Cell Permeable.

### Application Procedures

First dissolved in DMSO (up to 25 mg/ml) or in Ethanol (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or Ethanol may be stored at -20°C for up to 3 months.

**For research use only.**