

DMPO, Spin trap

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

Product Details

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

Molecular Formula: C₆H₁₁NO

Formula Weight: 113.16

CAS Number: 3317-61-1

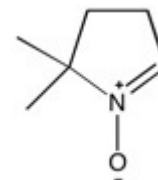
Purity: >98%

Formulation: powder. May liquefy at room temperature.

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