

MGD·Na, Nitric oxide spin-trap reagent

Catalog	Unit
TBI4440-50MG	50 mg
TBI4440-250MG	250 mg

Product Details

Formal Name: N-(Dithiocarboxy)-N-methyl-D-glucamine sodium salt hydrate

Molecular Formula: C₈H₁₈NO₆S₂·Na·H₂O

Formula Weight: 311.35

CAS Number: 91840-27-6

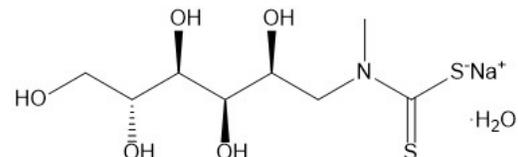
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to at least 25 mg/ml) or in Ethanol (up to at least 20 mg/ml)

Storage: -20°C

Stability: ≥ 1 year.



Applications

Nitric oxide spin-trap reagent

Functions

Forms a stable and water soluble nitric oxide spin-trapping complex with Fe²⁺. A useful reagent for the measurement of nitric oxide in biological systems.

Application Procedures

First dissolved in DMSO (up to at least 25 mg/ml) or in Ethanol (up to at least 20 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 1 month.

For research use only.