

Ebselen, Glutathione peroxidase mimic

Catalog	Unit
TBI2288-10MG	10 mg
TBI2288-50MG	50 mg

Product Details

Formal Name: 2-Phenyl-1,2-benzisoselenazol-3(2H)-one

Alternate Names: PZ-51

Molecular Formula: C₁₃H₉NOSe

Formula Weight: 274.18

CAS Number: 60940-34-3

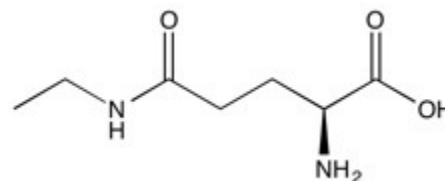
Purity: >98%

Formulation: Powder

Solubility: Soluble in DMSO (up to 50 mg/ml) or in Ethanol (up to 10 mg/ml).

Storage: Room temperature

Stability: ≥ 2 years.



Applications

Glutathione peroxidase mimic

Functions

Novel nontoxic selenium-containing multifunctional antioxidant and anti-inflammatory agent. Displays protective effects in reperfusion injury and stroke. Excellent scavenger of peroxynitrite. Acts as a glutathione peroxidase mimetic. Cell permeable.

Application Procedures

First dissolved in DMSO (up to 50 mg/ml) or in Ethanol (up to 10 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.