

## Ebselen

Cat. No. CEI-0544

Lot. No. (See product label)

### Introduction

**Description** An organo-selenium compound that displays potent antioxidant properties. Acts as a glutathione peroxidase (GPX) mimic as well as being an excellent scavenger of peroxynitrite. The glutathione peroxidase-like activity of ebselen inhibits cyclooxygenase (COX) and lipoxygenases at micromolar concentrations. Also acts as a histone-lysine demethylase (HKDM) inhibitor. Inhibits JARID1B protein with an IC50 of 5.17  $\mu$ M.

### Product Information

<b>Appearance</b>	White solid
<b>CAS No.</b>	60940-34-3
<b>Molecular Formula</b>	C 13 H 9 NOSe
<b>Chemical Name</b>	2-Phenyl-1,2-benzisoselenazol-3-(2H)-one
<b>Molecular Weight</b>	292.12
<b>Purity</b>	>98% by TLC
<b>Targets</b>	KDM5B
<b>Solubility</b>	DMSO (25 mg/ml)

### Storage and Shipping Information

<b>Storage</b>	-20 centigrade
<b>Shipping Conditions</b>	Gel pack