

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 μ M.

Product Information

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

Storage and Shipping Information

Storage	-20 centigrade
Shipping Conditions	Gel pack