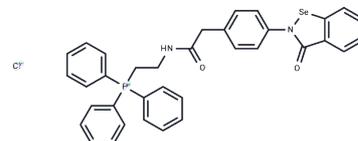


## MitoEbselen-2 chloride

## Chemical Properties

CAS No. :	1638973-78-0
Formula:	C <sub>35</sub> H <sub>30</sub> ClN <sub>2</sub> O <sub>2</sub> PSe
Molecular Weight:	656.01
Appearance:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	MitoEbselen-2 is a radiation mitigator which reduces lipid hydroperoxides and prevents apoptotic cell death. When administered 24 hours postirradiation, MitoEbselen-2 was shown to increase the survival of mice exposed to whole body $\gamma$ -irradiation.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5244 mL	7.6218 mL	15.2437 mL
5 mM	0.3049 mL	1.5244 mL	3.0487 mL
10 mM	0.1524 mL	0.7622 mL	1.5244 mL
50 mM	0.0305 mL	0.1524 mL	0.3049 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

## Reference

Stoyanovsky DA, Jiang J, Murphy MP, Epperly M, Zhang X, Li S, Greenberger J, Kagan V, Bayir H. Correction to "Design and Synthesis of a Mitochondria-Targeted Mimic of Glutathione Peroxidase, MitoEbselen-2, as a Radiation

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